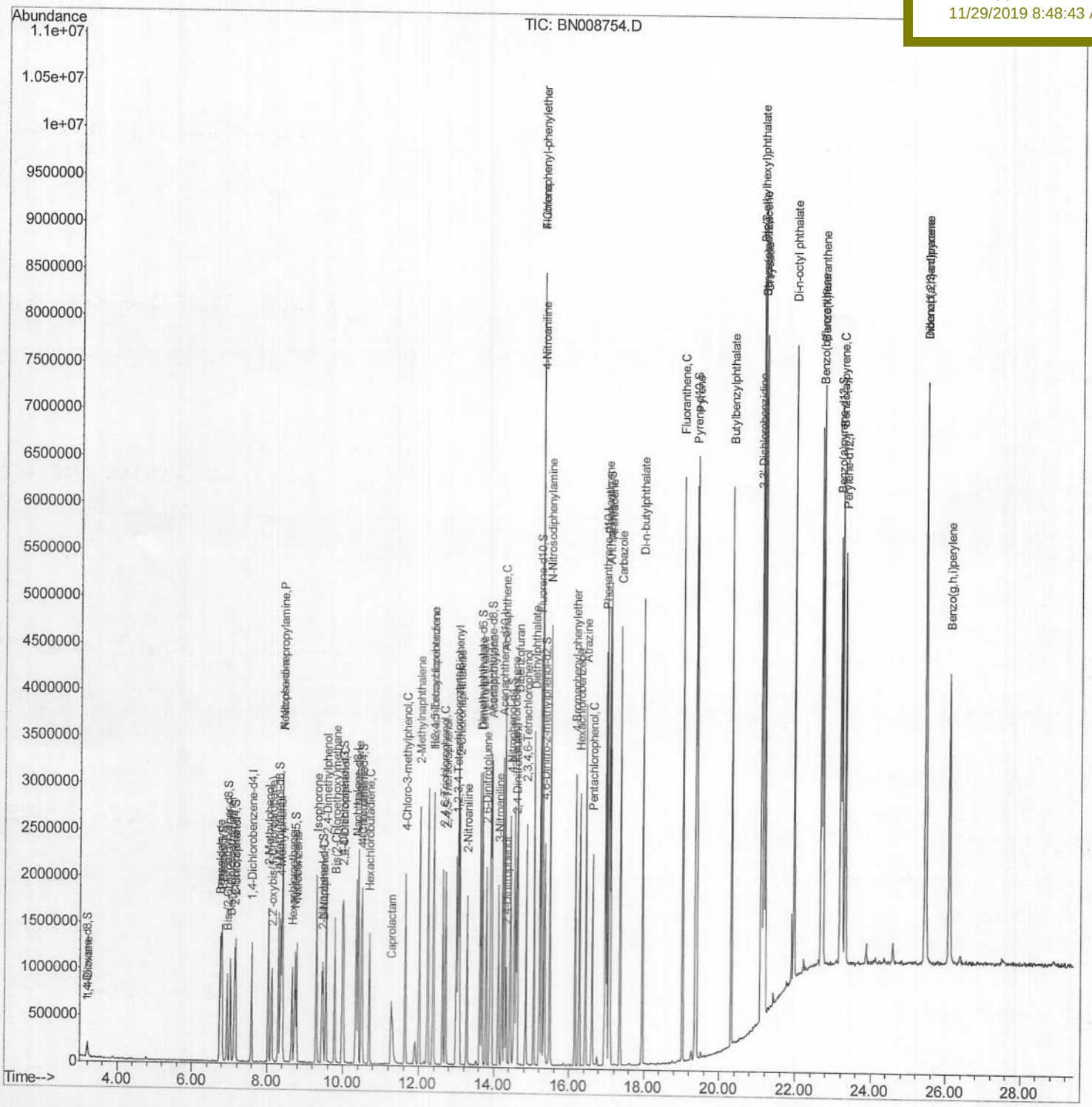
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112719\
Data File : BN008754.D
Acq On : 27 Nov 2019 13:09
Operator : JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 13:52:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 13:25:44 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:43 AM



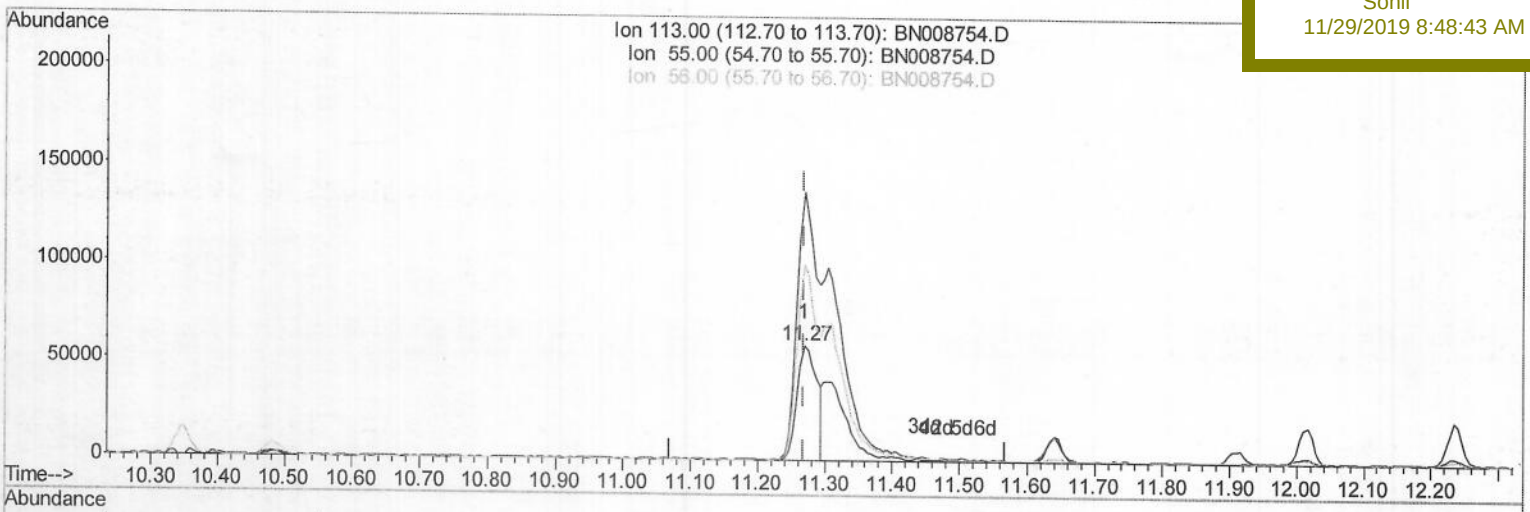
Quantitation Report (Qedit)

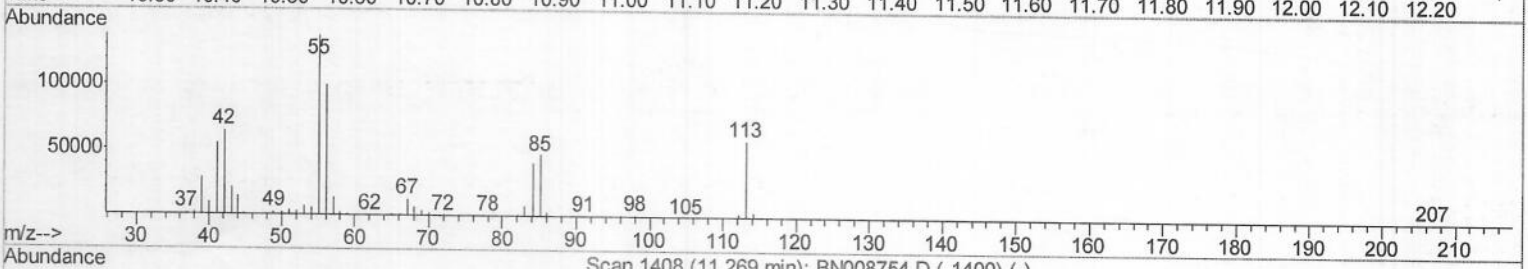
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112719\
Data File : BN008754.D
Acq On : 27 Nov 2019 13:09
Operator : JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

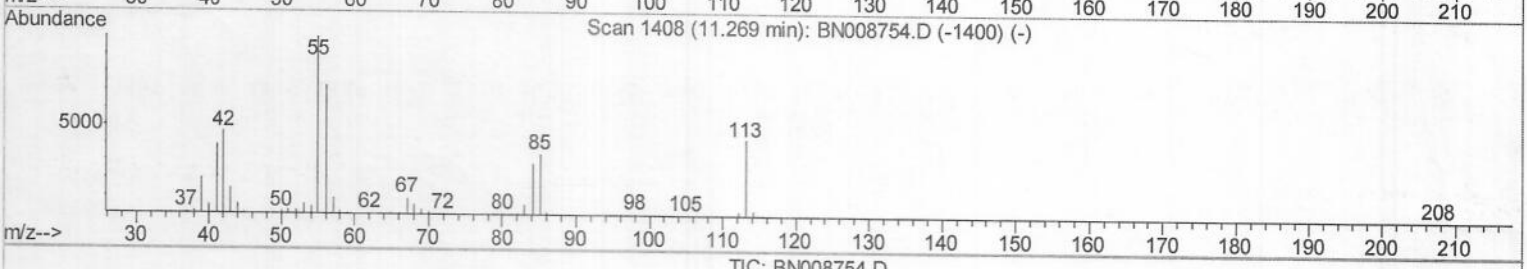
Quant Time: Nov 27 13:50:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 13:25:44 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:43 AM







TIC: BN008754.D

(32) Caprolactam

11.269min (0.000) 15.09ng/ul

response 119461

Ion	Exp%	Act%
113.00	100	100
55.00	232.90	232.94
56.00	168.90	168.93
0.00	0.00	0.00

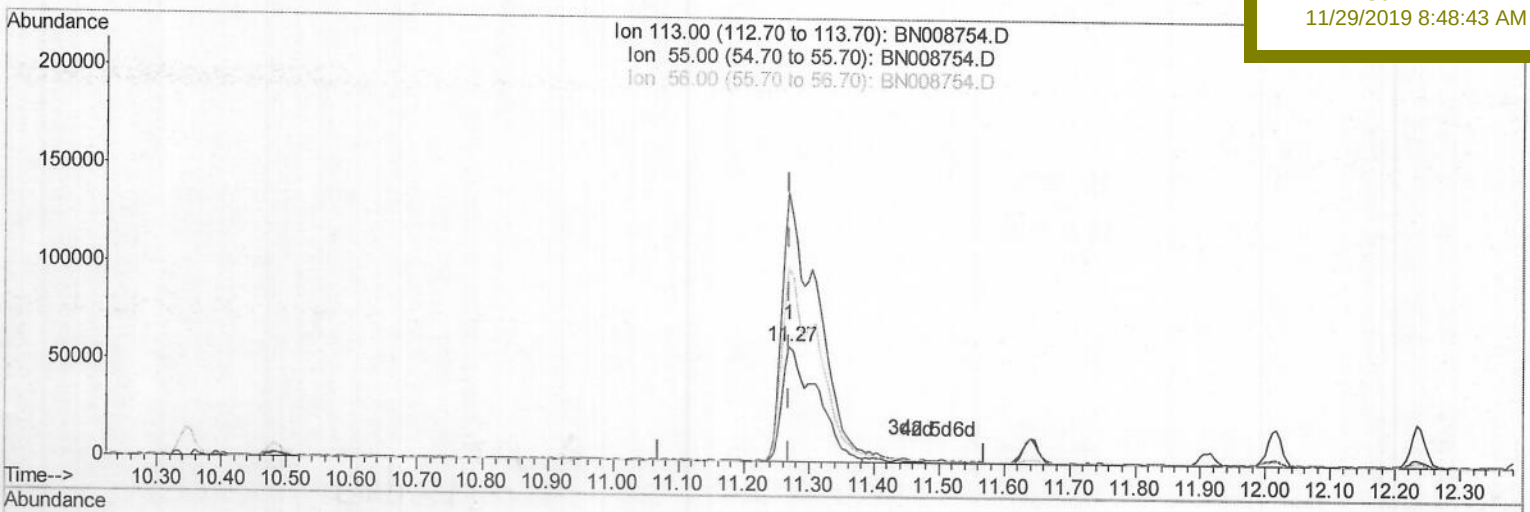
Quantitation Report (Qedit)

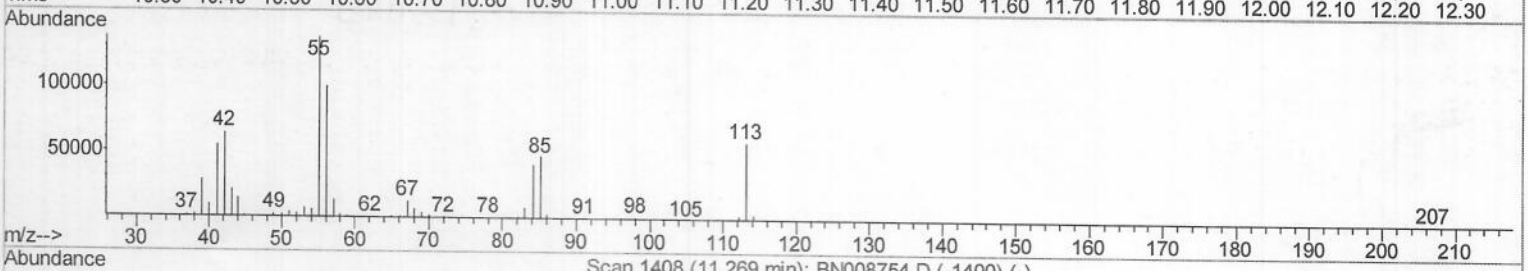
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112719\
Data File : BN008754.D
Acq On : 27 Nov 2019 13:09
Operator : JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

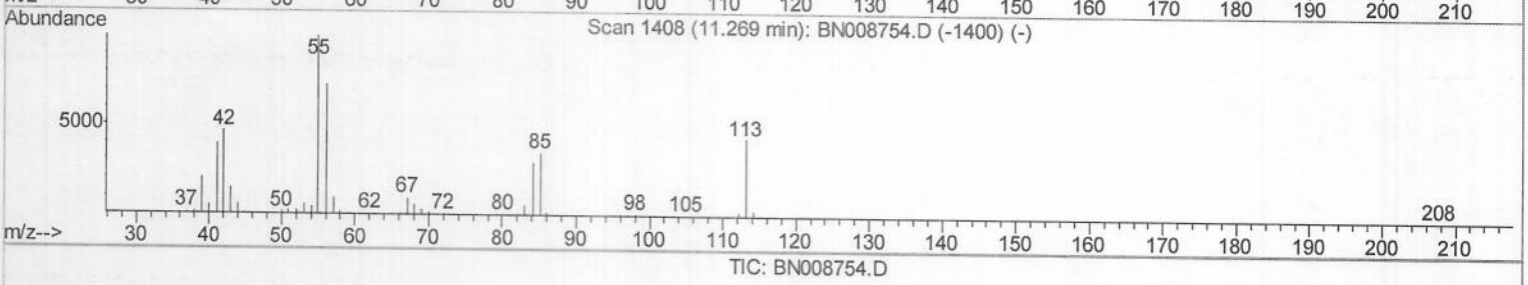
Quant Time: Nov 27 13:50:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 13:25:44 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:43 AM







TIC: BN008754.D

(32) Caprolactam

11.269min (0.000) 27.62ng/ul m > JO 11/29/19

response 218631

Ion	Exp%	Act%
113.00	100	100
55.00	232.90	232.94
56.00	168.90	168.93
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112719\
Data File : BN008754.D
Acq On : 27 Nov 2019 13:09
Operator : JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 13:52:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 13:25:44 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD02055

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	313779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1501103	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1093572	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	2466557	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	2384193	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	2764365	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	64553	8.34	ng/uL	0.00
5) Phenol-d5	6.78	99	678367	24.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	429729	25.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	488963	23.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	549049	25.67	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	249816	24.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	266235	27.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	541761	22.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	760113	26.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1908510	22.05	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	2103224	21.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	369510	27.54	ng/ul	0.00
57) Fluorene-d10	15.21	176	1597757	22.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	288504	30.64	ng/ul	0.00
70) Anthracene-d10	17.06	188	2595667	22.21	ng/ul	0.00
78) Pyrene-d10	19.36	212	2914313	21.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.18	264	3091126	21.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	68771	8.800	ng/uL	100
4) Benzaldehyde	6.74	77	438575	27.817	ng/ul	100
6) Phenol	6.80	94	693503	24.399	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.02	93	528755	24.251	ng/ul	100
10) 2-Chlorophenol	7.16	128	497677	22.969	ng/ul	100
11) 2-Methylphenol	8.03	108	521725	24.476	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	1038725	28.898	ng/ul	100
14) Acetophenone	8.40	105	870618	25.230	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.39	70	470356	26.039	ng/ul	100
16) 4-Methylphenol	8.36	108	586476	25.470	ng/ul	100
17) Hexachloroethane	8.65	117	193345	20.846	ng/ul	100
20) Nitrobenzene	8.77	77	655033	23.285	ng/ul	100
21) Isophorone	9.29	82	1339083	22.549	ng/ul	100
23) 2-Nitrophenol	9.47	139	293300	27.055	ng/ul	100
24) 2,4-Dimethylphenol	9.55	107	657154	21.270	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.78	93	800088	23.102	ng/ul	100
27) 2,4-Dichlorophenol	10.00	162	529702	22.256	ng/ul	100
28) Naphthalene	10.40	128	1725549	21.848	ng/ul	100
30) 4-Chloroaniline	10.50	127	759063	25.850	ng/ul	100
31) Hexachlorobutadiene	10.70	225	292751	18.213	ng/ul	100
32) Caprolactam	11.27	113	218631m	27.617	ng/ul	JU 11/29/19
33) 4-Chloro-3-methylphenol	11.64	107	677595	23.949	ng/ul	100
34) 2-Methylnaphthalene	12.02	142	1315835	22.685	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112719\
Data File : BN008754.D
Acq On : 27 Nov 2019 13:09
Operator : JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 13:52:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 13:25:44 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD02055

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	645109	19.348	ng/ul	100
37) Hexachlorocyclopentadiene	12.38	237	337768	17.078	ng/ul	100
38) 2,4,6-Trichlorophenol	12.64	196	441334	21.540	ng/ul	100
39) 2,4,5-Trichlorophenol	12.70	196	494916	22.601	ng/ul	100
40) 1,1'-Biphenyl	13.04	154	1751184	20.787	ng/ul	100
41) 2-Chloronaphthalene	13.07	162	1358728	21.029	ng/ul	100
42) 2-Nitroaniline	13.28	65	503162	28.976	ng/ul	100
44) Dimethylphthalate	13.68	163	1839123	21.945	ng/ul	100
45) 2,6-Dinitrotoluene	13.79	165	353460	28.034	ng/ul	100
47) Acenaphthylene	13.93	152	2181110	21.884	ng/ul	100
48) 3-Nitroaniline	14.12	138	392946	29.904	ng/ul	100
49) Acenaphthene	14.27	153	1511773	22.021	ng/ul	100
50) 2,4-Dinitrophenol	14.32	184	183896	31.765	ng/ul	100
52) 4-Nitrophenol	14.43	109	285758	21.694	ng/ul	100
53) Dibenzofuran	14.62	168	2201973	22.196	ng/ul	100
54) 2,4-Dinitrotoluene	14.58	165	544123	29.272	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.85	232	433782	24.031	ng/ul	100
56) Diethylphthalate	15.06	149	1863611	21.618	ng/ul	100
58) Fluorene	15.27	166	1771795	22.587	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.27	204	842355	21.574	ng/ul	100
60) 4-Nitroaniline	15.28	138	459847	29.355	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.35	198	312415	29.702	ng/ul	100
64) N-Nitrosodiphenylamine	15.48	169	1593752	21.575	ng/ul	100
65) 4-Bromophenyl-phenylether	16.16	248	538440	21.107	ng/ul	100
66) Hexachlorobenzene	16.27	284	567373	21.030	ng/ul	100
67) Atrazine	16.44	200	582120	21.620	ng/ul	100
68) Pentachlorophenol	16.62	266	357661	23.158	ng/ul	100
69) Phenanthrene	17.00	178	2963278	22.179	ng/ul	100
71) Anthracene	17.09	178	3091112	22.641	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	644214	18.866	ng/uL	100
73) Pentachlorobenzene	14.54	250	667977	20.027	ng/uL	100
74) Carbazole	17.36	167	2828121	23.182	ng/ul	100
75) Di-n-butylphthalate	17.95	149	3281440	21.469	ng/ul	100
76) Fluoranthene	19.02	202	3569664	23.259	ng/ul	100
79) Pyrene	19.39	202	3694936	21.652	ng/ul	100
80) Butylbenzylphthalate	20.31	149	1531666	24.286	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.08	252	1287800	23.155	ng/ul	100
82) Benzo(a)anthracene	21.15	228	3653059	21.792	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.10	149	2328495	22.521	ng/ul	100
84) Chrysene	21.19	228	3468677	22.094	ng/ul	100
86) Di-n-octyl phthalate	21.97	149	3901815	21.721	ng/ul	100
87) Benzo(b)fluoranthene	22.68	252	3650112	21.158	ng/ul	100
88) Benzo(k)fluoranthene	22.72	252	3689795	22.719	ng/ul	100
90) Benzo(a)pyrene	23.23	252	3610641	22.008	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.45	276	4171059	22.205	ng/ul	100
92) Dibenzo(a,h)anthracene	25.46	278	3461273	21.939	ng/ul	100
93) Benzo(g,h,i)perylene	26.10	276	3533944	22.418	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed