Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005620.D
Acq On : 11 May 2019 10:04
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02009

Manual Integrations APPROVED
mohammad
5/13/2019 8:27:10 AM

Quant Time: May 11 22:58:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	168210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	689516	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	404045	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	863457	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	637568	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	655560	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	21389	6.14	ng/uL	0.00
5) Phenol-d5	6.77	99	226620	17.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	125615	15.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	191721	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	184646	17.88	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	96032	22.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	108804	25.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	201096	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	239211	23.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	554137	18.89	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	716538	19.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	77650	16.77	ng/ul	0.00
57) Fluorene-d10	15.22	176	485290	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	77532	19.96	ng/ul	0.00
70) Anthracene-d10	17.07	188	710200	19.62	ng/ul	-0.01
78) Pyrene-d10	19.39	212	701214	21.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	572576	19.99	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	23213	6.195	ng/uL	93
4) Benzaldehyde	6.74	77	157145	16.785	ng/ul	94
6) Phenol	6.80	94	234369	17.247	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	179858	16.530	ng/ul	91
10) 2-Chlorophenol	7.15	128	196356	18.786	ng/ul	94
11) 2-Methylphenol	8.02	108	180839	17.760	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.11	45	249284	13.645	ng/ul#	94
14) Acetophenone	8.39	105	298176	18.041	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.38	70	141592	16.015	ng/ul	90
16) 4-Methylphenol	8.35	108	191719	17.434	ng/ul	99
17) Hexachloroethane	8.63	117	84179	18.546	ng/ul	93
20) Nitrobenzene	8.76	77	218961	18.748	ng/ul	95
21) Isophorone	9.28	82	404584	17.496	ng/ul	97
23) 2-Nitrophenol	9.48	139	113192	23.217	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	221088	18.111	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	244311	16.811	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	198446	20.389	ng/ul	97
28) Naphthalene	10.39	128	625635	19.518	ng/ul	99
30) 4-Chloroaniline	10.51	127	245560	23.704	ng/ul	98
31) Hexachlorobutadiene	10.68	225	147000	21.387	ng/ul	99
32) Caprolactam	11.26	113	57051	19.373	ng/ul	77
33) 4-Chloro-3-methylphenol	11.65	107	200382	18.284	ng/ul	93
34) 2-Methylnaphthalene	12.01	142	450702	19.203	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	267271	21.375 ng/ul	95
37) Hexachlorocyclopentadiene	12.36	237	85945	10.081 ng/ul	98
38) 2,4,6-Trichlorophenol	12.64	196	161973	21.482 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	166609	20.563 ng/ul	97
40) 1,1'-Biphenyl	13.04	154	589955	19.597 ng/ul	97
41) 2-Chloronaphthalene	13.08	162	457607	19.764 ng/ul	97
42) 2-Nitroaniline	13.30	65	123962	20.185 ng/ul	90
44) Dimethylphthalate	13.68	163	554493	18.973 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	111274	22.051 ng/ul	91
47) Acenaphthylene	13.93	152	696208	19.666 ng/ul	99
48) 3-Nitroaniline	14.13	138	108069	23.036 ng/ul#	85
49) Acenaphthene	14.28	153	473577	19.595 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	36185	14.721 ng/ul	93
52) 4-Nitrophenol	14.46	109	65730	15.636 ng/ul	90
53) Dibenzofuran	14.62	168	687856	19.767 ng/ul	97
54) 2,4-Dinitrotoluene	14.61	165	160971	22.127 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.86	232	140720	20.877 ng/ul	90
56) Diethylphthalate	15.06	149	542111	18.499 ng/ul	97
58) Fluorene	15.27	166	538439	19.830 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.27	204	294674	20.458 ng/ul	94
60) 4-Nitroaniline	15.30	138	114892	19.645 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.38	198	78847	19.076 ng/ul#	89
64) N-Nitrosodiphenylamine	15.49	169	466827	19.754 ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	183896	21.141 ng/ul	94
66) Hexachlorobenzene	16.28	284	197051	21.274 ng/ul	93
67) Atrazine	16.45	200	174267	19.808 ng/ul	97
68) Pentachlorophenol	16.64	266	80255	14.797 ng/ul	97
69) Phenanthrene	17.02	178	817741	19.446 ng/ul	99
71) Anthracene	17.10	178	841338	19.640 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	271959	21.564 ng/uL	99
73) Pentachlorobenzene	14.54	250	243259	21.430 ng/uL	100
74) Carbazole	17.39	167	709880	19.291 ng/ul	99
75) Di-n-butylphthalate	17.96	149	867798	18.795 ng/ul	99
76) Fluoranthene	19.05	202	879034	18.846 ng/ul#	94
79) Pyrene	19.42	202	887066	21.609 ng/ul#	93
80) Butylbenzylphthalate	20.34	149	350859	21.587 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.13	252	255416	20.051 ng/ul	98
82) Benzo(a)anthracene	21.19	228	769875	19.410 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	491596	19.643 ng/ul#	96
84) Chrysene	21.24	228	711890	19.339 ng/ul	98
86) Di-n-octyl phthalate	22.01	149	790529	19.689 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	717235	19.463 ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	699243m	19.868 ng/ul	
90) Benzo(a)pyrene	23.31	252	682934	19.716 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	809325	21.133 ng/ul	95
92) Dibenzo(a,h)anthracene	25.60	278	684020	21.046 ng/ul#	93
93) Benzo(g,h,i)perylene	26.26	276	676267	21.356 ng/ul#	94

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

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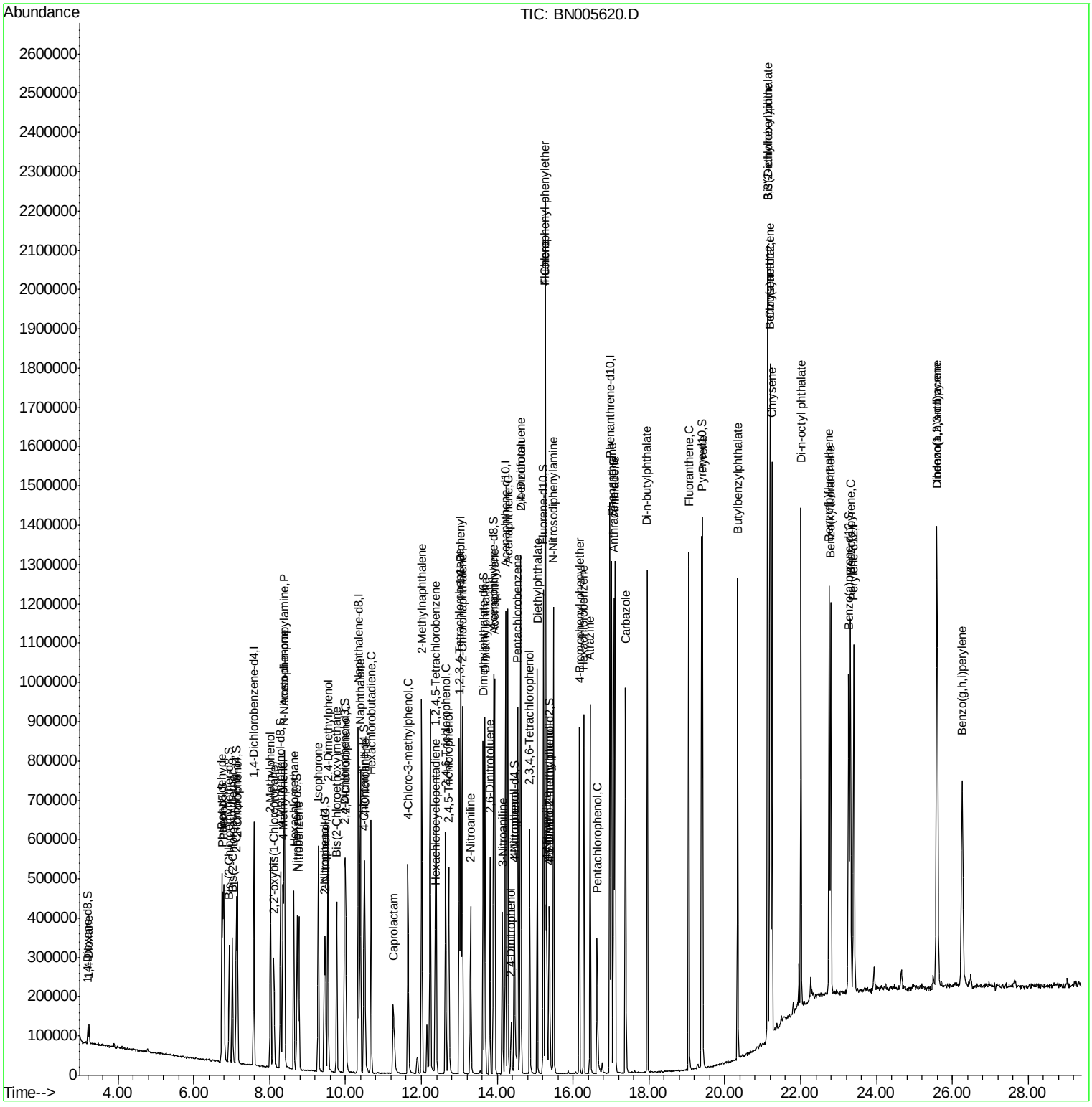
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