Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009770.D
Acq On : 19 Feb 2020 07:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02071

Manual Integrations APPROVED
mohammad
2/20/2020 8:58:33 AM

Quant Time: Feb 19 08:35:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	131867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	539955	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	348984	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	725339	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	693311	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	707930	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	25476	7.95	ng/uL	0.00
5) Phenol-d5	6.61	99	221181	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	161363	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	176097	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	178600	20.02	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	85612	21.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	93030	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	177900	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	199417	21.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	525685	20.17	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	644115	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	88245	18.54	ng/ul	0.00
58) Fluorene-d10	15.06	176	471479	20.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	86476	19.19	ng/ul	0.00
71) Anthracene-d10	16.91	188	707173	21.27	ng/ul	0.00
79) Pyrene-d10	19.22	212	753680	20.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	739828	20.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	27491	7.464	ng/uL	95
4) Benzaldehyde	6.58	77	164949	22.114	ng/ul	96
6) Phenol	6.64	94	238292	19.825	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.86	93	196763	20.828	ng/ul	100
10) 2-Chlorophenol	6.99	128	184506	20.743	ng/ul	97
11) 2-Methylphenol	7.86	108	178548	20.300	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.95	45	505641	21.834	ng/ul	98
14) Acetophenone	8.23	105	295042	20.294	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.22	70	162411	21.379	ng/ul	95
16) 4-Methylphenol	8.19	108	194924	20.197	ng/ul	97
17) Hexachloroethane	8.46	117	83869	20.726	ng/ul	95
20) Nitrobenzene	8.60	77	250672	21.535	ng/ul	99
21) Isophorone	9.12	82	429546	20.968	ng/ul	99
23) 2-Nitrophenol	9.30	139	102317	21.159	ng/ul	95
24) 2,4-Dimethylphenol	9.37	107	222347	21.178	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.60	93	263469	21.043	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	181186	21.617	ng/ul	95
28) Naphthalene	10.21	128	615206	21.129	ng/ul	99
30) 4-Chloroaniline	10.33	127	203813	21.323	ng/ul	95
31) Hexachlorobutadiene	10.50	225	116760	20.830	ng/ul	91
32) Caprolactam	11.12	113	55096m	19.601	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	202072	21.084	ng/ul	99
34) 2-Methylnaphthalene	11.83	142	429302	21.233	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	430686	21.252	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	215611	20.844	ng/ul	97
38) Hexachlorocyclopentadiene	12.19	237	84018	18.773	ng/ul	94
39) 2,4,6-Trichlorophenol	12.47	196	136184	20.743	ng/ul	96
40) 2,4,5-Trichlorophenol	12.55	196	149219	21.186	ng/ul	96
41) 1,1'-Biphenyl	12.88	154	569127	21.233	ng/ul	96
42) 2-Chloronaphthalene	12.91	162	447752	21.034	ng/ul	100
43) 2-Nitroaniline	13.13	65	166779	21.424	ng/ul	98
45) Dimethylphthalate	13.52	163	553592	20.353	ng/ul	99
46) 2,6-Dinitrotoluene	13.65	165	112967	21.215	ng/ul	97
48) Acenaphthylene	13.77	152	701761	21.119	ng/ul	99
49) 3-Nitroaniline	13.97	138	97580	19.849	ng/ul	94
50) Acenaphthene	14.12	153	470173	20.640	ng/ul	99
51) 2,4-Dinitrophenol	14.20	184	52156	17.061	ng/ul	99
53) 4-Nitrophenol	14.30	109	86600	20.159	ng/ul	94
54) Dibenzofuran	14.46	168	657854	20.575	ng/ul	97
55) 2,4-Dinitrotoluene	14.45	165	163889	20.767	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.69	232	125567	20.736	ng/ul	97
57) Diethylphthalate	14.90	149	574933	20.585	ng/ul	99
59) Fluorene	15.11	166	552652	20.596	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.12	204	272842	20.618	ng/ul	99
61) 4-Nitroaniline	15.15	138	114170	19.045	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.23	198	92985	19.157	ng/ul	99
65) N-Nitrosodiphenylamine	15.33	169	467382	21.717	ng/ul	98
66) 4-Bromophenyl-phenylether	16.01	248	156197	21.521	ng/ul	98
67) Hexachlorobenzene	16.12	284	167858	20.901	ng/ul	93
68) Atrazine	16.30	200	166097	20.345	ng/ul	96
69) Pentachlorophenol	16.47	266	86773	18.696	ng/ul	99
70) Phenanthrene	16.85	178	869110	20.995	ng/ul	99
72) Anthracene	16.94	178	894521	21.138	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	230885	21.788	ng/uL	93
74) Pentachlorobenzene	14.38	250	214476	20.987	ng/uL	98
75) Carbazole	17.22	167	764056	20.503	ng/ul	98
76) Di-n-butylphthalate	17.80	149	962462	20.925	ng/ul	98
77) Fluoranthene	18.88	202	981871	20.249	ng/ul	100
80) Pyrene	19.25	202	1049601	20.998	ng/ul	98
81) Butylbenzylphthalate	20.17	149	412884	20.093	ng/ul	100
82) 3,3'-Dichlorobenzidine	20.95	252	294500	19.482	ng/ul	91
83) Benzo(a)anthracene	21.01	228	967904	20.315	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	645329	20.570	ng/ul	97
85) Chrysene	21.06	228	939320	20.026	ng/ul	98
87) Di-n-octyl phthalate	21.82	149	1078694	20.132	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	918888	20.020	ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	948094	21.815	ng/ul	97
91) Benzo(a)pyrene	23.05	252	886828	21.482	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	1015611	20.721	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	861054	20.536	ng/ul	96
94) Benzo(g,h,i)perylene	25.81	276	857370	20.862	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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