Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081418\
Data File : BN002329.D
Acq On : 14 Aug 2018 11:22
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 10:21:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 13 23:38:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	156289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	733294	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	454451	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1083801	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1209299	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	1296865	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	27215	8.22	ng/uL	0.00
5) Phenol-d5	6.86	99	285995	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	185865	20.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	226658	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	233490	20.38	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	120060	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	130254	21.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	240989	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	241006	19.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	816951	21.68	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1010277	21.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	144438	20.28	ng/ul	0.00
57) Fluorene-d10	15.30	176	699885	21.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	136647	19.80	ng/ul	0.00
70) Anthracene-d10	17.16	188	1105792	21.36	ng/ul	0.00
78) Pyrene-d10	19.46	212	1225361	21.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1424013	21.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	30533	8.619	ng/uL	92
4) Benzaldehyde	6.83	77	202869	20.606	ng/ul	93
6) Phenol	6.88	94	294897	20.207	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.11	93	229210	20.660	ng/ul#	87
10) 2-Chlorophenol	7.25	128	226366	20.599	ng/ul#	87
11) 2-Methylphenol	8.12	108	221812	20.139	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	394166	21.452	ng/ul#	83
14) Acetophenone	8.49	105	387498	21.157	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.48	70	204215	21.130	ng/ul#	82
16) 4-Methylphenol	8.45	108	246756	20.593	ng/ul	97
17) Hexachloroethane	8.74	117	94368	20.500	ng/ul	96
20) Nitrobenzene	8.87	77	291985	20.902	ng/ul	94
21) Isophorone	9.39	82	576491	21.408	ng/ul	98
23) 2-Nitrophenol	9.57	139	136221	21.113	ng/ul#	88
24) 2,4-Dimethylphenol	9.63	107	285237	21.559	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	335689	21.159	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	235184	21.534	ng/ul	99
28) Naphthalene	10.50	128	803922	21.308	ng/ul	99
30) 4-Chloroaniline	10.61	127	246352	19.986	ng/ul	98
31) Hexachlorobutadiene	10.78	225	145624	21.181	ng/ul	98
32) Caprolactam	11.37	113	84581	20.615	ng/ul#	53
33) 4-Chloro-3-methylphenol	11.75	107	273735	21.781	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	599321	21.523	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	291163	21.151 ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	163762	19.584 ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	188250	21.238 ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	207717	21.901 ng/ul	97
40) 1,1'-Biphenyl	13.14	154	782096	21.498 ng/ul	99
41) 2-Chloronaphthalene	13.17	162	606145	21.374 ng/ul	97
42) 2-Nitroaniline	13.39	65	199145	22.048 ng/ul#	80
44) Dimethylphthalate	13.77	163	793336	21.472 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	163216	21.865 ng/ul	92
47) Acenaphthylene	14.03	152	950323	21.598 ng/ul	100
48) 3-Nitroaniline	14.22	138	148134	20.856 ng/ul	95
49) Acenaphthene	14.37	153	667716	21.512 ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	80138	17.943 ng/ul#	1
52) 4-Nitrophenol	14.54	109	116217	21.532 ng/ul#	83
53) Dibenzofuran	14.71	168	947646	21.641 ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	248686	22.096 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.94	232	182443	22.030 ng/ul	99
56) Diethylphthalate	15.14	149	813572	21.582 ng/ul	99
58) Fluorene	15.36	166	783820	21.879 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	385376	21.795 ng/ul	96
60) 4-Nitroaniline	15.39	138	196289	21.385 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.45	198	144146	20.250 ng/ul#	97
64) N-Nitrosodiphenylamine	15.57	169	677335	21.388 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	240883	21.786 ng/ul	93
66) Hexachlorobenzene	16.37	284	262272	21.255 ng/ul	94
67) Atrazine	16.53	200	246948	21.329 ng/ul	98
68) Pentachlorophenol	16.72	266	131810	19.083 ng/ul	98
69) Phenanthrene	17.10	178	1273184	21.309 ng/ul	99
71) Anthracene	17.19	178	1304618	21.530 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	319898	21.109 ng/uL	98
73) Pentachlorobenzene	14.63	250	304426	21.076 ng/uL	99
74) Carbazole	17.46	167	1178208	21.925 ng/ul	100
75) Di-n-butylphthalate	18.03	149	1403824	21.489 ng/ul	100
76) Fluoranthene	19.12	202	1504517	22.125 ng/ul	100
79) Pyrene	19.49	202	1565940	21.475 ng/ul	100
80) Butylbenzylphthalate	20.40	149	655966	21.232 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.18	252	477255	19.803 ng/ul	100
82) Benzo(a)anthracene	21.24	228	1575051	21.260 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	996857	21.511 ng/ul	99
84) Chrysene	21.29	228	1479532	21.100 ng/ul	100
86) Di-n-octyl phthalate	22.06	149	1723936	20.917 ng/ul#	93
87) Benzo(b)fluoranthene	22.82	252	1661432	21.372 ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1523555	20.804 ng/ul	99
90) Benzo(a)pyrene	23.39	252	1561408	21.085 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.70	276	1868397	21.208 ng/ul	97
92) Dibenzo(a,h)anthracene	25.71	278	1567262	21.280 ng/ul	98
93) Benzo(g,h,i)perylene	26.38	276	1548347	21.064 ng/ul	99

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

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