Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013910.D
Acq On : 28 Jan 2018 06:40
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 29 03:06:16 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jan 28 02:49:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	131282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	517879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	337462	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	761837	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	706257	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	666914	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	20312	6.12	ng/uL	0.00
5) Phenol-d5	6.77	99	177540	17.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	108395	17.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	155063	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	145072	18.72	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	74577	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	83072	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	172041	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	171272	24.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	537823	19.34	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	662345	18.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	63223	13.99	ng/ul	0.00
57) Fluorene-d10	15.23	176	470416	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	75629	16.49	ng/ul	0.00
70) Anthracene-d10	17.09	188	711372m	19.17	ng/ul	0.00
76) Pyrene-d10	19.39	212	717402	21.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	609905	19.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	23491m	6.456	ng/uL	
4) Benzaldehyde	6.74	77	139944	20.064	ng/ul#	87
6) Phenol	6.79	94	183353	18.138	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.02	93	140094	17.711	ng/ul	96
10) 2-Chlorophenol	7.15	128	151990	18.570	ng/ul	97
11) 2-Methylphenol	8.03	108	142004	19.057	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	132649	16.481	ng/ul#	73
14) Acetophenone	8.40	105	240757	18.778	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.39	70	124707	19.937	ng/ul#	72
16) 4-Methylphenol	8.36	108	148059	18.583	ng/ul	97
17) Hexachloroethane	8.64	117	71827	18.029	ng/ul	92
20) Nitrobenzene	8.78	77	197434	19.019	ng/ul	99
21) Isophorone	9.30	82	324861	19.368	ng/ul	97
23) 2-Nitrophenol	9.49	139	87458	19.764	ng/ul	91
24) 2,4-Dimethylphenol	9.55	107	188822	20.239	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	196743	19.241	ng/ul#	93
27) 2,4-Dichlorophenol	10.02	162	160233	20.269	ng/ul#	87
28) Naphthalene	10.40	128	513685	19.938	ng/ul	98
30) 4-Chloroaniline	10.53	127	169233	23.981	ng/ul	94
31) Hexachlorobutadiene	10.68	225	135534	20.886	ng/ul	95
32) Caprolactam	11.31	113	41370m	18.811	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	165711	20.678	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	392410	20.428	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	242059	19.358 ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	74238	14.301 ng/ul	91
38) 2,4,6-Trichlorophenol	12.66	196	148451	20.510 ng/ul	95
39) 2,4,5-Trichlorophenol	12.73	196	145364	19.301 ng/ul	99
40) 1,1'-Biphenyl	13.06	154	528404	18.811 ng/ul	98
41) 2-Chloronaphthalene	13.10	162	419833	19.119 ng/ul	98
42) 2-Nitroaniline	13.32	65	113912	18.806 ng/ul	96
44) Dimethylphthalate	13.70	163	528872	19.340 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	101089	19.076 ng/ul	91
47) Acenaphthylene	13.95	152	610821	18.823 ng/ul	98
48) 3-Nitroaniline	14.16	138	85653	20.552 ng/ul#	93
49) Acenaphthene	14.30	153	423249	18.832 ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	35173	11.579 ng/ul	92
52) 4-Nitrophenol	14.49	109	73927	16.100 ng/ul#	70
53) Dibenzofuran	14.63	168	644435	19.060 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	147115	19.044 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.87	232	142861	20.167 ng/ul#	91
56) Diethylphthalate	15.07	149	520233	18.904 ng/ul	97
58) Fluorene	15.29	166	525356	18.969 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	287994	19.244 ng/ul	99
60) 4-Nitroaniline	15.33	138	82227	16.862 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.39	198	75625	15.624 ng/ul	93
64) N-Nitrosodiphenylamine	15.50	169	444202	19.825 ng/ul	98
65) 4-Bromophenyl-phenylether	16.18	248	181511	20.172 ng/ul	94
66) Hexachlorobenzene	16.29	284	196112	20.248 ng/ul#	93
67) Atrazine	16.47	200	175708	19.648 ng/ul	96
68) Pentachlorophenol	16.64	266	83058	16.138 ng/ul	99
69) Phenanthrene	17.03	178	800888	18.912 ng/ul	99
71) Anthracene	17.12	178	822332	18.827 ng/ul	97
72) Carbazole	17.40	167	638186	17.700 ng/ul	99
73) Di-n-butylphthalate	17.96	149	819591	19.328 ng/ul	99
74) Fluoranthene	19.06	202	889769	17.602 ng/ul#	97
77) Pyrene	19.42	202	908879	21.169 ng/ul#	95
78) Butylbenzylphthalate	20.33	149	321103	21.231 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.12	252	247080	21.148 ng/ul#	96
80) Benzo(a)anthracene	21.17	228	850900	19.939 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.11	149	460685	20.302 ng/ul	96
82) Chrysene	21.23	228	761607	19.454 ng/ul	98
84) Di-n-octyl phthalate	21.97	149	736117	18.315 ng/ul	99
85) Benzo(b)fluoranthene	22.72	252	820998m	20.045 ng/ul	
86) Benzo(k)fluoranthene	22.77	252	767525	19.388 ng/ul	99
88) Benzo(a)pyrene	23.28	252	765415	19.783 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	884056	19.356 ng/ul	97
90) Dibenzo(a,h)anthracene	25.56	278	754377	19.560 ng/ul#	97
91) Benzo(g,h,i)perylene	26.22	276	739257	19.667 ng/ul#	97

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

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