Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014833.D
Acq On : 25 Apr 2018 14:05
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02001

Quant Time: Apr 26 01:30:19 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	249370	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.35	136	1045331	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.11	164	559936	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.82	188	1203700	20.00	ng/ul	-0.02
75) Chrysene-d12	21.92	240	1287855	20.00	ng/ul	-0.01
83) Perylene-d12	24.40	264	1339164	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	46890	8.21	ng/uL	0.00
5) Phenol-d5	7.62	99	409658	21.25	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.80	67	269098	21.77	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.02	132	335644	20.81	ng/ul	-0.02
13) 4-Methylphenol-d8	9.20	113	324296	21.09	ng/ul	-0.02
19) Nitrobenzene-d5	9.69	128	153929	20.37	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.42	143	161569	21.47	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.95	165	307189	20.09	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.47	131	410688	27.21	ng/ul	-0.02
43) Dimethylphthalate-d6	14.50	166	877248	20.07	ng/ul	-0.02
46) Acenaphthylene-d8	14.81	160	1074247	19.90	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.26	143	168024	20.71	ng/ul	-0.02
57) Fluorene-d10	16.09	176	753978	19.83	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	16.19	200	122550	18.81	ng/ul	-0.02
70) Anthracene-d10	17.92	188	1117486	19.92	ng/ul	-0.02
76) Pyrene-d10	20.16	212	1202643	19.74	ng/ul	-0.02
87) Benzo(a)pyrene-d12	24.24	264	1313015	19.96	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	48947	8.145	ng/uL#	80
4) Benzaldehyde	7.62	77	257082	25.351	ng/ul	88
6) Phenol	7.65	94	403791	21.289	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.90	93	322956	21.294	ng/ul	88
10) 2-Chlorophenol	8.05	128	331450	20.870	ng/ul	95
11) 2-Methylphenol	8.93	108	295094	21.166	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.02	45	618502	22.059	ng/ul	96
14) Acetophenone	9.33	105	487276	21.630	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.31	70	248722	21.275	ng/ul#	81
16) 4-Methylphenol	9.26	108	317795	21.183	ng/ul	92
17) Hexachloroethane	9.61	117	132598	20.412	ng/ul#	68
20) Nitrobenzene	9.73	77	368493	20.410	ng/ul	93
21) Isophorone	10.25	82	630993	20.437	ng/ul#	93
23) 2-Nitrophenol	10.45	139	173321	21.198	ng/ul#	76
24) 2,4-Dimethylphenol	10.49	107	352959	20.433	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.73	93	419451	20.208	ng/ul	96
27) 2,4-Dichlorophenol	10.98	162	292540	20.036	ng/ul#	89
28) Naphthalene	11.40	128	1015256	19.931	ng/ul	99
30) 4-Chloroaniline	11.49	127	391072	26.691	ng/ul	94
31) Hexachlorobutadiene	11.67	225	179958	19.154	ng/ul	94
32) Caprolactam	12.25	113	87731	20.855	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.57	107	309938	20.986	ng/ul	91
34) 2-Methylnaphthalene	12.97	142	700805	19.812	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.33	216	332085	18.919	ng/ul#	97
37) Hexachlorocyclopentadiene	13.30	237	218016	18.028	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	222311	20.505	ng/ul	94
39) 2,4,5-Trichlorophenol	13.62	196	232523	20.080	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	881669	19.581	ng/ul#	98
41) 2-Chloronaphthalene	14.00	162	689130	19.708	ng/ul	97
42) 2-Nitroaniline	14.19	65	205490	22.207	ng/ul	96
44) Dimethylphthalate	14.54	163	843307	19.958	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	160681	20.734	ng/ul#	92
47) Acenaphthylene	14.83	152	1053362	20.144	ng/ul	99
48) 3-Nitroaniline	15.00	138	172319	22.597	ng/ul	90
49) Acenaphthene	15.17	153	738369	19.869	ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	78202	18.174	ng/ul	90
52) 4-Nitrophenol	15.28	109	126751	21.681	ng/ul#	81
53) Dibenzofuran	15.50	168	1027418	19.910	ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	237229	20.777	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.71	232	199935	20.348	ng/ul#	80
56) Diethylphthalate	15.88	149	853350	20.063	ng/ul	93
58) Fluorene	16.14	166	816005	19.583	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.12	204	403889	19.365	ng/ul	94
60) 4-Nitroaniline	16.14	138	179846	20.216	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.20	198	128917	19.048	ng/ul#	96
64) N-Nitrosodiphenylamine	16.33	169	696009	19.939	ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	246145	19.362	ng/ul	93
66) Hexachlorobenzene	17.13	284	289383	19.592	ng/ul#	92
67) Atrazine	17.25	200	240521	21.578	ng/ul	94
68) Pentachlorophenol	17.46	266	167892	19.987	ng/ul	98
69) Phenanthrene	17.86	178	1288115	19.926	ng/ul	98
71) Anthracene	17.95	178	1303754	19.873	ng/ul	99
72) Carbazole	18.21	167	1156453	20.663	ng/ul	99
73) Di-n-butylphthalate	18.73	149	1428665	20.992	ng/ul#	98
74) Fluoranthene	19.83	202	1466895	20.813	ng/ul#	82
77) Pyrene	20.19	202	1497155	19.897	ng/ul#	80
78) Butylbenzylphthalate	21.03	149	755579	24.613	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.82	252	483052	19.660	ng/ul#	95
80) Benzo(a)anthracene	21.90	228	1510880	20.062	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.78	149	921829	20.458	ng/ul#	95
82) Chrysene	21.95	228	1390543	19.723	ng/ul	99
84) Di-n-octyl phthalate	22.73	149	1536199	19.945	ng/ul#	92
85) Benzo(b)fluoranthene	23.63	252	1578134	19.991	ng/ul#	96
86) Benzo(k)fluoranthene	23.69	252	1469212	19.354	ng/ul#	96
88) Benzo(a)pyrene	24.29	252	1478029	19.738	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.96	276	1820824	20.099	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.97	278	1536803	20.148	ng/ul#	93
91) Benzo(g,h,i)perylene	27.76	276	1506231	20.210	ng/ul#	90

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

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