Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012607.D
Acq On : 31 Oct 2017 17:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02075

Quant Time: Nov 01 05:20:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	379654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1497306	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	894828	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	2004112	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2274817	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2549004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	60232	8.10	ng/uL	-0.01
5) Phenol-d5	7.02	99	592772	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	344426	18.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	470467	19.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	489401	18.05	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	226378	24.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	261691	27.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	514491	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	588980	21.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1396506	17.86	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1782127	19.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	242102	20.83	ng/ul	0.00
57) Fluorene-d10	15.48	176	1183331	17.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	214585	22.12	ng/ul	0.00
70) Anthracene-d10	17.33	188	1847803	19.35	ng/ul	0.00
76) Pyrene-d10	19.62	212	2019556	19.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2291544	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	66635	8.395	ng/uL#	65
4) Benzaldehyde	7.00	77	397039	23.023	ng/ul	89
6) Phenol	7.05	94	615019	18.624	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.27	93	454658	18.722	ng/ul	96
10) 2-Chlorophenol	7.42	128	484391	19.926	ng/ul	98
11) 2-Methylphenol	8.30	108	447260	17.963	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.39	45	493215	18.485	ng/ul#	82
14) Acetophenone	8.67	105	743923	17.468	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.66	70	391567	16.847	ng/ul#	62
16) 4-Methylphenol	8.62	108	487634	17.894	ng/ul	92
17) Hexachloroethane	8.93	117	194696	18.900	ng/ul	89
20) Nitrobenzene	9.05	77	564372	20.892	ng/ul	93
21) Isophorone	9.58	82	1024350	17.918	ng/ul#	93
23) 2-Nitrophenol	9.76	139	276201	25.730	ng/ul#	77
24) 2,4-Dimethylphenol	9.82	107	558276	18.486	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.06	93	610244	18.995	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	491655	19.693	ng/ul#	92
28) Naphthalene	10.70	128	1440677	19.405	ng/ul	99
30) 4-Chloroaniline	10.80	127	582552	21.438	ng/ul	94
31) Hexachlorobutadiene	10.98	225	348779	18.209	ng/ul	93
32) Caprolactam	11.58	113	155299	19.207	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.93	107	507436	18.091	ng/ul	96
34) 2-Methylnaphthalene	12.30	142	1085959	18.012	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	630010	19.881 ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	255759	12.498 ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	421044	22.189 ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	437043	21.730 ng/ul	99
40) 1,1'-Biphenyl	13.32	154	1410250	19.754 ng/ul	99
41) 2-Chloronaphthalene	13.36	162	1116026	19.929 ng/ul	99
42) 2-Nitroaniline	13.56	65	329565	25.305 ng/ul	93
44) Dimethylphthalate	13.94	163	1388867	17.961 ng/ul	98
45) 2,6-Dinitrotoluene	14.06	165	291265	23.704 ng/ul	91
47) Acenaphthylene	14.21	152	1729819	19.601 ng/ul	99
48) 3-Nitroaniline	14.39	138	284904	24.744 ng/ul	88
49) Acenaphthene	14.55	153	1154536	19.100 ng/ul	98
50) 2,4-Dinitrophenol	14.60	184	123900	17.963 ng/ul	96
52) 4-Nitrophenol	14.70	109	207783	17.623 ng/ul	84
53) Dibenzofuran	14.89	168	1674391	18.718 ng/ul	96
54) 2,4-Dinitrotoluene	14.86	165	413587	22.473 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.12	232	390416	20.973 ng/ul	97
56) Diethylphthalate	15.31	149	1386120	17.584 ng/ul	96
58) Fluorene	15.53	166	1371832	18.132 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	718215	17.447 ng/ul	99
60) 4-Nitroaniline	15.55	138	303949	21.058 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.62	198	234000	21.936 ng/ul#	87
64) N-Nitrosodiphenylamine	15.74	169	1160669	19.929 ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	468107	19.498 ng/ul	98
66) Hexachlorobenzene	16.54	284	523322	19.706 ng/ul	95
67) Atrazine	16.69	200	456724	18.236 ng/ul	93
68) Pentachlorophenol	16.89	266	308310	21.227 ng/ul	97
69) Phenanthrene	17.27	178	2091208	19.295 ng/ul	99
71) Anthracene	17.36	178	2210023	19.729 ng/ul	99
72) Carbazole	17.63	167	1862993	20.078 ng/ul	99
73) Di-n-butylphthalate	18.19	149	2204197	18.628 ng/ul#	97
74) Fluoranthene	19.29	202	2516550	20.492 ng/ul#	93
77) Pyrene	19.64	202	2592423	20.040 ng/ul#	90
78) Butylbenzylphthalate	20.54	149	998301	19.587 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.32	252	937752	18.784 ng/ul#	97
80) Benzo(a)anthracene	21.39	228	2665581	19.568 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	1491873	19.239 ng/ul	99
82) Chrysene	21.44	228	2393086	19.759 ng/ul	100
84) Di-n-octyl phthalate	22.21	149	2514064	19.014 ng/ul	99
85) Benzo(b)fluoranthene	23.01	252	2978784	18.904 ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	2723803	18.366 ng/ul#	98
88) Benzo(a)pyrene	23.60	252	2826571	18.814 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	3555260	20.107 ng/ul#	94
90) Dibenzo(a,h)anthracene	26.05	278	2994619	19.977 ng/ul#	96
91) Benzo(g,h,i)perylene	26.76	276	2933265	20.470 ng/ul#	96

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

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