Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012477.D
Acq On : 27 Oct 2017 09:03
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Oct 27 23:37:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	529487	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.66	136	2132067	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	1257082	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	2787039	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	2829702	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	2849912	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	87282	8.42	ng/uL	0.00
5) Phenol-d5	7.04	99	803365	18.16	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	500748	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	641265	19.36	ng/ul	-0.01
13) 4-Methylphenol-d8	8.57	113	664493	17.58	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	297619	22.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	330498	24.02	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	690184	18.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.79	131	793019	20.64	ng/ul	-0.01
43) Dimethylphthalate-d6	13.91	166	1939414	17.66	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2427484	18.69	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.69	143	303273	18.58	ng/ul	-0.02
57) Fluorene-d10	15.49	176	1627257	17.51	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	289590	21.47	ng/ul	-0.01
70) Anthracene-d10	17.34	188	2463088	18.54	ng/ul	-0.01
76) Pyrene-d10	19.63	212	2602665	20.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2513500	18.56	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	92028	8.313	ng/uL#	64
4) Benzaldehyde	7.01	77	558697	23.229	ng/ul	94
6) Phenol	7.06	94	836188	18.156	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.29	93	639921	18.894	ng/ul	96
10) 2-Chlorophenol	7.44	128	651929	19.229	ng/ul	97
11) 2-Methylphenol	8.31	108	612877	17.650	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	732845	19.693	ng/ul#	82
14) Acetophenone	8.69	105	1033741	17.404	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.68	70	569295	17.563	ng/ul#	65
16) 4-Methylphenol	8.64	108	668335	17.585	ng/ul	96
17) Hexachloroethane	8.95	117	275592	19.182	ng/ul	90
20) Nitrobenzene	9.07	77	816340	21.223	ng/ul	96
21) Isophorone	9.60	82	1456309	17.890	ng/ul#	95
23) 2-Nitrophenol	9.77	139	362192	23.696	ng/ul#	82
24) 2,4-Dimethylphenol	9.84	107	791214	18.399	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.07	93	856371	18.720	ng/ul	96
27) 2,4-Dichlorophenol	10.31	162	672300	18.911	ng/ul#	88
28) Naphthalene	10.71	128	1980529	18.735	ng/ul	100
30) 4-Chloroaniline	10.82	127	794177	20.525	ng/ul	93
31) Hexachlorobutadiene	11.00	225	510903	18.732	ng/ul	96
32) Caprolactam	11.59	113	191296	16.615	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.95	107	683315	17.109	ng/ul	97
34) 2-Methylnaphthalene	12.32	142	1508511	17.572	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	885437	19.890 ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	529835	18.431 ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	570556	21.404 ng/ul	98
39) 2,4,5-Trichlorophenol	13.00	196	579994	20.527 ng/ul	98
40) 1,1'-Biphenyl	13.33	154	1971093	19.654 ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1547496	19.670 ng/ul	99
42) 2-Nitroaniline	13.57	65	437653	23.921 ng/ul	97
44) Dimethylphthalate	13.96	163	1928772	17.756 ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	387297	22.436 ng/ul	91
47) Acenaphthylene	14.22	152	2343325	18.901 ng/ul	99
48) 3-Nitroaniline	14.40	138	350125	21.646 ng/ul	93
49) Acenaphthene	14.56	153	1582426	18.635 ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	200750	20.717 ng/ul	93
52) 4-Nitrophenol	14.71	109	290879	17.562 ng/ul	83
53) Dibenzofuran	14.90	168	2294663	18.260 ng/ul	98
54) 2,4-Dinitrotoluene	14.86	165	541141	20.930 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.12	232	517037	19.771 ng/ul	94
56) Diethylphthalate	15.32	149	1885501	17.026 ng/ul	95
58) Fluorene	15.54	166	1872915	17.622 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.54	204	1018114	17.605 ng/ul	97
60) 4-Nitroaniline	15.56	138	376448	18.565 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.62	198	314868	21.225 ng/ul	94
64) N-Nitrosodiphenylamine	15.75	169	1591194	19.646 ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	642197	19.235 ng/ul	97
66) Hexachlorobenzene	16.55	284	706225	19.123 ng/ul	95
67) Atrazine	16.70	200	624321	17.925 ng/ul	94
68) Pentachlorophenol	16.89	266	391053	19.361 ng/ul	98
69) Phenanthrene	17.28	178	2828057	18.764 ng/ul	99
71) Anthracene	17.37	178	2935256	18.843 ng/ul	98
72) Carbazole	17.64	167	2443204	18.934 ng/ul	100
73) Di-n-butylphthalate	18.21	149	3031110	18.420 ng/ul#	98
74) Fluoranthene	19.29	202	3242492	18.986 ng/ul#	93
77) Pyrene	19.66	202	3366762	20.922 ng/ul#	93
78) Butylbenzylphthalate	20.55	149	1313685	20.721 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.33	252	1179430	18.992 ng/ul	97
80) Benzo(a)anthracene	21.39	228	3269403	19.294 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1966794	20.390 ng/ul#	99
82) Chrysene	21.44	228	2903705	19.273 ng/ul	100
84) Di-n-octyl phthalate	22.22	149	3235873	21.890 ng/ul	100
85) Benzo(b)fluoranthene	23.02	252	3258929	18.499 ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	3156128	19.034 ng/ul#	99
88) Benzo(a)pyrene	23.61	252	3108039	18.504 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.05	276	3784916	19.146 ng/ul#	95
90) Dibenzo(a,h)anthracene	26.06	278	3198125	19.082 ng/ul#	96
91) Benzo(g,h,i)perylene	26.76	276	3101839	19.361 ng/ul#	97

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

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