Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
Data File : BM010271.D
Acq On : 27 May 2017 12:30
Operator : SJ/MA
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02003

Quant Time: May 27 13:05:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 06:06:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	318730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1190705	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	729091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1590815	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2062915	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	2156588	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	61585	9.99	ng/uL	0.00
5) Phenol-d5	7.12	99	460272	13.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	261912	11.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	380510	18.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	370621	13.73	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	175590	19.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	200344	20.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	400717	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	367470	14.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	1169799	19.12	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1405163	19.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	154231	12.60	ng/ul	-0.01
57) Fluorene-d10	15.56	176	1030046	18.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	195375	17.41	ng/ul	0.00
70) Anthracene-d10	17.41	188	1518074	21.93	ng/ul	0.00
76) Pyrene-d10	19.70	212	1710107	19.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	1983121	17.30	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	62546	8.29	ng/uL#	45
4) Benzaldehyde	7.09	77	338978	15.03	ng/ul	96
6) Phenol	7.15	94	470202	13.14	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.36	93	327126	12.17	ng/ul	92
10) 2-Chlorophenol	7.50	128	384351	17.83	ng/ul	96
11) 2-Methylphenol	8.39	108	343775	13.35	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.46	45	150465	3.35	ng/ul#	59
14) Acetophenone	8.77	105	602835	13.58	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.74	70	320116	12.45	ng/ul#	85
16) 4-Methylphenol	8.72	108	372925	13.08	ng/ul	89
17) Hexachloroethane	9.00	117	168778	17.02	ng/ul	95
20) Nitrobenzene	9.16	77	494434	16.87	ng/ul	95
21) Isophorone	9.66	82	757835	14.67	ng/ul	98
23) 2-Nitrophenol	9.86	139	211144	19.92	ng/ul	97
24) 2,4-Dimethylphenol	9.92	107	488022	18.72	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.15	93	428070	14.42	ng/ul	96
27) 2,4-Dichlorophenol	10.39	162	411082	21.06	ng/ul	94
28) Naphthalene	10.79	128	1184521	19.81	ng/ul	99
30) 4-Chloroaniline	10.93	127	364852	14.87	ng/ul#	87
31) Hexachlorobutadiene	11.03	225	364542	26.30	ng/ul	96
32) Caprolactam	11.73	113	88337m	11.64	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	377607	16.03	ng/ul	99
34) 2-Methylnaphthalene	12.39	142	904423	19.44	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.74	216	609635	24.98	ng/ul#	96
37) Hexachlorocyclopentadiene	12.70	237	391431	29.64	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.00	196	339903	20.66	ng/ul	96
39) 2,4,5-Trichlorophenol	13.07	196	348948	20.62	ng/ul	94
40) 1,1'-Biphenyl	13.40	154	1195300	20.66	ng/ul	97
41) 2-Chloronaphthalene	13.44	162	915157	20.56	ng/ul	96
42) 2-Nitroaniline	13.68	65	235198	12.84	ng/ul	98
44) Dimethylphthalate	14.03	163	1136834	18.87	ng/ul	98
45) 2,6-Dinitrotoluene	14.16	165	214787	17.68	ng/ul	91
47) Acenaphthylene	14.29	152	1371575	18.96	ng/ul	99
48) 3-Nitroaniline	14.51	138	192164	15.44	ng/ul#	88
49) Acenaphthene	14.63	153	946875	19.25	ng/ul	98
50) 2,4-Dinitrophenol	14.70	184	136996	16.30	ng/ul	84
52) 4-Nitrophenol	14.82	109	204621	14.59	ng/ul	88
53) Dibenzofuran	14.96	168	1393366	19.15	ng/ul	96
54) 2,4-Dinitrotoluene	14.94	165	309189	16.79	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.19	232	319565	19.37	ng/ul#	91
56) Diethylphthalate	15.37	149	1092504	16.85	ng/ul	95
58) Fluorene	15.61	166	1125949	18.11	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.60	204	651650	20.08	ng/ul	95
60) 4-Nitroaniline	15.67	138	179280	12.34	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.69	198	212070	18.32	ng/ul	100
64) N-Nitrosodiphenylamine	15.83	169	925695	19.72	ng/ul	99
65) 4-Bromophenyl-phenylether	16.50	248	395770	22.11	ng/ul	93
66) Hexachlorobenzene	16.59	284	408469	20.84	ng/ul#	85
67) Atrazine	16.77	200	362897	18.53	ng/ul	98
68) Pentachlorophenol	16.95	266	232867	19.01	ng/ul	97
69) Phenanthrene	17.36	178	1683667	19.15	ng/ul	98
71) Anthracene	17.44	178	1720874	18.65	ng/ul	98
72) Carbazole	17.73	167	1401282	16.28	ng/ul	98
73) Di-n-butylphthalate	18.24	149	1627928	16.37	ng/ul	100
74) Fluoranthene	19.36	202	2019484	17.52	ng/ul	100
77) Pyrene	19.72	202	2147789	18.64	ng/ul	98
78) Butylbenzylphthalate	20.60	149	707280	15.05	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.40	252	786517	20.62	ng/ul	94
80) Benzo(a)anthracene	21.46	228	2273836	18.78	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.34	149	1040349	14.55	ng/ul	99
82) Chrysene	21.51	228	2066488	18.97	ng/ul	100
84) Di-n-octyl phthalate	22.24	149	1972475	12.52	ng/ul#	93
85) Benzo(b)fluoranthene	23.10	252	2456613	16.32	ng/ul	99
86) Benzo(k)fluoranthene	23.15	252	2365628m	17.02	ng/ul	
88) Benzo(a)pyrene	23.71	252	2436786	17.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.22	276	3081364	19.11	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.23	278	2635630	19.12	ng/ul	99
91) Benzo(g,h,i)perylene	26.97	276	2544465	19.82	ng/ul	98

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

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