Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010300.D
Acq On : 28 May 2017 06:31
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: May 30 16:28:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 30 15:28:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	294130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1061922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	658452	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1533076	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2167192	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	2212858	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	54863	7.65	ng/uL	0.00
5) Phenol-d5	7.12	99	412784	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	242763	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	359932	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	331286	18.42	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	160406	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	187129	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	380305	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	393648	22.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1094833	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1272130	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	154476	18.87	ng/ul	0.00
57) Fluorene-d10	15.55	176	964328	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	200726	18.48	ng/ul	0.00
70) Anthracene-d10	17.40	188	1477988	19.81	ng/ul	0.00
76) Pyrene-d10	19.69	212	1747598	19.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	2086498	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	60840	7.96	ng/uL#	50
4) Benzaldehyde	7.09	77	304280	20.30	ng/ul	94
6) Phenol	7.14	94	426936	18.68	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.36	93	302783	19.09	ng/ul	95
10) 2-Chlorophenol	7.50	128	354382	19.88	ng/ul	98
11) 2-Methylphenol	8.39	108	316741	18.99	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.46	45	133156	18.62	ng/ul#	66
14) Acetophenone	8.77	105	514499	17.53	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.73	70	281882	19.22	ng/ul#	82
16) 4-Methylphenol	8.72	108	337352	18.44	ng/ul	99
17) Hexachloroethane	9.00	117	149789	18.50	ng/ul	92
20) Nitrobenzene	9.16	77	446552	20.10	ng/ul	94
21) Isophorone	9.66	82	683454	19.99	ng/ul	95
23) 2-Nitrophenol	9.86	139	186285	19.50	ng/ul	98
24) 2,4-Dimethylphenol	9.91	107	436724	19.66	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.15	93	380964	19.83	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	360562	19.88	ng/ul	93
28) Naphthalene	10.78	128	1051268	19.74	ng/ul	99
30) 4-Chloroaniline	10.92	127	357082	20.72	ng/ul	99
31) Hexachlorobutadiene	11.03	225	325749	19.61	ng/ul	96
32) Caprolactam	11.73	113	83312	18.36	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.03	107	364958	20.91	ng/ul	96
34) 2-Methylnaphthalene	12.39	142	794603	19.68	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.74	216	533136	19.46	ng/ul	99
37) Hexachlorocyclopentadiene	12.70	237	267869	14.58	ng/ul	97
38) 2,4,6-Trichlorophenol	13.00	196	314199	20.18	ng/ul	98
39) 2,4,5-Trichlorophenol	13.07	196	325554	20.73	ng/ul	96
40) 1,1'-Biphenyl	13.39	154	1070085	20.03	ng/ul	97
41) 2-Chloronaphthalene	13.44	162	824977	19.66	ng/ul	98
42) 2-Nitroaniline	13.68	65	222153	20.79	ng/ul	90
44) Dimethylphthalate	14.02	163	1047594	19.47	ng/ul	97
45) 2,6-Dinitrotoluene	14.16	165	206210	20.91	ng/ul#	90
47) Acenaphthylene	14.29	152	1263478	20.26	ng/ul	99
48) 3-Nitroaniline	14.51	138	182098	19.17	ng/ul	96
49) Acenaphthene	14.63	153	874397	19.99	ng/ul	96
50) 2,4-Dinitrophenol	14.70	184	136114	18.26	ng/ul	88
52) 4-Nitrophenol	14.82	109	201362	17.95	ng/ul	92
53) Dibenzofuran	14.96	168	1284740	19.86	ng/ul	98
54) 2,4-Dinitrotoluene	14.94	165	298805	20.63	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.19	232	311927	20.68	ng/ul#	95
56) Diethylphthalate	15.37	149	1036526	19.92	ng/ul	97
58) Fluorene	15.61	166	1053410	19.86	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.60	204	593913	19.59	ng/ul	96
60) 4-Nitroaniline	15.67	138	178327	17.93	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.69	198	207522	18.04	ng/ul	97
64) N-Nitrosodiphenylamine	15.82	169	870405	19.48	ng/ul	99
65) 4-Bromophenyl-phenylether	16.49	248	369986	19.61	ng/ul	93
66) Hexachlorobenzene	16.59	284	371414	18.80	ng/ul#	91
67) Atrazine	16.76	200	370448	19.07	ng/ul	97
68) Pentachlorophenol	16.95	266	231721	18.43	ng/ul	98
69) Phenanthrene	17.35	178	1616284	19.75	ng/ul	99
71) Anthracene	17.44	178	1694398	19.83	ng/ul	99
72) Carbazole	17.73	167	1406006	19.44	ng/ul	99
73) Di-n-butylphthalate	18.24	149	1639775	20.09	ng/ul	99
74) Fluoranthene	19.36	202	2081184	20.68	ng/ul	100
77) Pyrene	19.72	202	2201037	19.71	ng/ul	98
78) Butylbenzylphthalate	20.59	149	825695	21.39	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.40	252	799153	18.79	ng/ul	97
80) Benzo(a)anthracene	21.45	228	2405877	19.69	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	1209418	21.06	ng/ul	99
82) Chrysene	21.51	228	2174273	19.68	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	2239209	21.99	ng/ul#	93
85) Benzo(b)fluoranthene	23.10	252	2639092	20.50	ng/ul	99
86) Benzo(k)fluoranthene	23.15	252	2408891	19.58	ng/ul	98
88) Benzo(a)pyrene	23.71	252	2525641	19.79	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.22	276	3208532	19.90	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.23	278	2738782	19.72	ng/ul#	97
91) Benzo(g,h,i)perylene	26.97	276	2625529	19.76	ng/ul	98

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

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