Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060617\
Data File : BM010421.D
Acq On : 06 Jun 2017 09:10
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: Jun 07 01:24:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 02 01:55:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	245941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	884888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	555155	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.30	188	1286940	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1810148	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	1930880	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	51335	8.56	ng/uL	0.00
5) Phenol-d5	7.10	99	362228	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	197580	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	302872	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	288452	19.18	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	140865	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.81	143	165916	22.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	342089	22.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	342770	23.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	978364	21.21	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	1138743	21.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	127936	18.54	ng/ul	0.00
57) Fluorene-d10	15.54	176	836201	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	179228	19.66	ng/ul	0.00
70) Anthracene-d10	17.39	188	1303321	20.81	ng/ul	0.00
76) Pyrene-d10	19.68	212	1526548	20.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	1849533	20.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	52999	8.295	ng/uL#	55
4) Benzaldehyde	7.07	77	279790	22.325	ng/ul	97
6) Phenol	7.13	94	355623	18.612	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.35	93	246559	18.595	ng/ul	92
10) 2-Chlorophenol	7.49	128	301415	20.219	ng/ul	91
11) 2-Methylphenol	8.37	108	268456	19.248	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	100209	16.758	ng/ul#	43
14) Acetophenone	8.75	105	455240	18.553	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.72	70	250417	20.417	ng/ul#	81
16) 4-Methylphenol	8.70	108	292255	19.104	ng/ul	91
17) Hexachloroethane	8.98	117	142656	21.073	ng/ul	93
20) Nitrobenzene	9.14	77	398243	21.514	ng/ul	95
21) Isophorone	9.65	82	595154	20.893	ng/ul	96
23) 2-Nitrophenol	9.84	139	175307	22.019	ng/ul	92
24) 2,4-Dimethylphenol	9.90	107	385821	20.845	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.13	93	322473	20.143	ng/ul	93
27) 2,4-Dichlorophenol	10.37	162	330799	21.889	ng/ul	89
28) Naphthalene	10.77	128	885280	19.946	ng/ul	99
30) 4-Chloroaniline	10.90	127	320977	22.347	ng/ul	90
31) Hexachlorobutadiene	11.01	225	303775	21.942	ng/ul	92
32) Caprolactam	11.71	113	73235	19.365	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.02	107	303107	20.837	ng/ul	96
34) 2-Methylnaphthalene	12.37	142	707211	21.016	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	502084	21.741 ng/ul#	94
37) Hexachlorocyclopentadiene	12.69	237	275548	17.793 ng/ul#	99
38) 2,4,6-Trichlorophenol	12.99	196	286027	21.790 ng/ul	99
39) 2,4,5-Trichlorophenol	13.06	196	289048	21.831 ng/ul	94
40) 1,1'-Biphenyl	13.38	154	947733	21.044 ng/ul	100
41) 2-Chloronaphthalene	13.43	162	734250	20.753 ng/ul	97
42) 2-Nitroaniline	13.67	65	190490	21.139 ng/ul	96
44) Dimethylphthalate	14.01	163	928953	20.479 ng/ul	98
45) 2,6-Dinitrotoluene	14.15	165	180661	21.729 ng/ul#	86
47) Acenaphthylene	14.27	152	1099460	20.909 ng/ul	98
48) 3-Nitroaniline	14.50	138	153036	19.104 ng/ul#	95
49) Acenaphthene	14.61	153	752446	20.404 ng/ul	100
50) 2,4-Dinitrophenol	14.69	184	120087	19.111 ng/ul	97
52) 4-Nitrophenol	14.80	109	191702	20.270 ng/ul	92
53) Dibenzofuran	14.95	168	1150744	21.103 ng/ul	94
54) 2,4-Dinitrotoluene	14.93	165	265173	21.718 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.17	232	279907	22.005 ng/ul#	93
56) Diethylphthalate	15.36	149	893910	20.374 ng/ul	98
58) Fluorene	15.59	166	939565	21.005 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.59	204	553866	21.665 ng/ul	97
60) 4-Nitroaniline	15.66	138	153453	18.296 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.68	198	187389	19.400 ng/ul	97
64) N-Nitrosodiphenylamine	15.81	169	769078	20.501 ng/ul	97
65) 4-Bromophenyl-phenylether	16.48	248	329618	20.816 ng/ul	96
66) Hexachlorobenzene	16.57	284	333504	20.112 ng/ul#	82
67) Atrazine	16.75	200	338998	20.791 ng/ul	92
68) Pentachlorophenol	16.94	266	201566	19.096 ng/ul	97
69) Phenanthrene	17.34	178	1421829	20.695 ng/ul	98
71) Anthracene	17.43	178	1496880	20.870 ng/ul	98
72) Carbazole	17.72	167	1189450	19.593 ng/ul	99
73) Di-n-butylphthalate	18.23	149	1433354	20.915 ng/ul	99
74) Fluoranthene	19.34	202	1820970	21.554 ng/ul#	97
77) Pyrene	19.71	202	1893459	20.299 ng/ul#	97
78) Butylbenzylphthalate	20.58	149	688562	21.360 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.39	252	734746	20.679 ng/ul	91
80) Benzo(a)anthracene	21.44	228	2117711	20.746 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1043081	21.746 ng/ul	99
82) Chrysene	21.50	228	1871621	20.283 ng/ul	100
84) Di-n-octyl phthalate	22.23	149	1936600	21.791 ng/ul#	95
85) Benzo(b)fluoranthene	23.09	252	2272056	20.222 ng/ul	99
86) Benzo(k)fluoranthene	23.13	252	2248242	20.946 ng/ul	98
88) Benzo(a)pyrene	23.70	252	2268132	20.366 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.20	276	2912010	20.696 ng/ul	97
90) Dibenzo(a,h)anthracene	26.21	278	2489150	20.541 ng/ul#	98
91) Benzo(g,h,i)perylene	26.94	276	2382861	20.557 ng/ul	99

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

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