Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012521.D
Acq On : 28 Oct 2017 12:38
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: Oct 30 05:39:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	474762	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1727656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	965919	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2135943	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2424670	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	2772449	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	76791	8.26	ng/uL	0.00
5) Phenol-d5	7.05	99	675118	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	406794	17.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	553212	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	537444	15.86	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	249456	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	277126	24.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	562786	19.06	ng/ul	0.01
29) 4-Chloroaniline-d4	10.80	131	634847	20.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1465392	17.37	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1880774	18.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	234733	18.71	ng/ul	0.00
57) Fluorene-d10	15.50	176	1250910	17.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	181365	17.55	ng/ul	0.01
70) Anthracene-d10	17.34	188	1913252	18.80	ng/ul	0.00
76) Pyrene-d10	19.63	212	2061519	18.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2402299	18.24	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	81882	8.249	ng/uL#	63
4) Benzaldehyde	7.02	77	472494	21.909	ng/ul	93
6) Phenol	7.07	94	698796	16.922	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.30	93	536476	17.666	ng/ul	96
10) 2-Chlorophenol	7.44	128	565830	18.614	ng/ul	97
11) 2-Methylphenol	8.32	108	505696	16.242	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.41	45	583016	17.473	ng/ul#	80
14) Acetophenone	8.69	105	819451	15.387	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.68	70	438085	15.073	ng/ul#	63
16) 4-Methylphenol	8.65	108	539657	15.836	ng/ul	95
17) Hexachloroethane	8.95	117	238135	18.486	ng/ul	87
20) Nitrobenzene	9.07	77	647148	20.763	ng/ul	95
21) Isophorone	9.60	82	1124670	17.050	ng/ul	95
23) 2-Nitrophenol	9.78	139	296588	23.946	ng/ul#	80
24) 2,4-Dimethylphenol	9.85	107	616256	17.685	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.07	93	675666	18.227	ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	542342	18.827	ng/ul#	91
28) Naphthalene	10.72	128	1632550	19.058	ng/ul	100
30) 4-Chloroaniline	10.82	127	633746	20.212	ng/ul	94
31) Hexachlorobutadiene	11.00	225	424277	19.198	ng/ul	95
32) Caprolactam	11.60	113	149099	15.981	ng/ul#	46
33) 4-Chloro-3-methylphenol	11.95	107	533778	16.493	ng/ul	98
34) 2-Methylnaphthalene	12.33	142	1185928	17.048	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.70	216	701355	20.504 ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	252262	11.420 ng/ul	100
38) 2,4,6-Trichlorophenol	12.94	196	448350	21.889 ng/ul	99
39) 2,4,5-Trichlorophenol	13.01	196	459687	21.173 ng/ul	98
40) 1,1'-Biphenyl	13.34	154	1529991	19.854 ng/ul	99
41) 2-Chloronaphthalene	13.38	162	1214635	20.093 ng/ul	99
42) 2-Nitroaniline	13.58	65	337024	23.973 ng/ul	96
44) Dimethylphthalate	13.96	163	1461247	17.507 ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	297518	22.430 ng/ul	89
47) Acenaphthylene	14.23	152	1817950	19.084 ng/ul	100
48) 3-Nitroaniline	14.40	138	289103	23.261 ng/ul	94
49) Acenaphthene	14.57	153	1226664	18.799 ng/ul	100
50) 2,4-Dinitrophenol	14.62	184	110422	14.830 ng/ul	95
52) 4-Nitrophenol	14.72	109	215575	16.938 ng/ul#	81
53) Dibenzofuran	14.90	168	1742575	18.047 ng/ul	97
54) 2,4-Dinitrotoluene	14.87	165	420332	21.158 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.13	232	397314	19.773 ng/ul#	96
56) Diethylphthalate	15.32	149	1412535	16.600 ng/ul	97
58) Fluorene	15.55	166	1445050	17.694 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	768467	17.294 ng/ul	98
60) 4-Nitroaniline	15.57	138	314166	20.164 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.64	198	191632	16.855 ng/ul#	86
64) N-Nitrosodiphenylamine	15.76	169	1221928	19.686 ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	492057	19.230 ng/ul	97
66) Hexachlorobenzene	16.56	284	551921	19.500 ng/ul	96
67) Atrazine	16.71	200	485489	18.188 ng/ul	95
68) Pentachlorophenol	16.90	266	295031	19.059 ng/ul	97
69) Phenanthrene	17.29	178	2171655	18.801 ng/ul	99
71) Anthracene	17.38	178	2279809	19.096 ng/ul	99
72) Carbazole	17.64	167	1924113	19.457 ng/ul	100
73) Di-n-butylphthalate	18.21	149	2344422	18.590 ng/ul#	97
74) Fluoranthene	19.30	202	2566861	19.612 ng/ul#	92
77) Pyrene	19.66	202	2648539	19.208 ng/ul#	92
78) Butylbenzylphthalate	20.56	149	1051088	19.348 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.33	252	1012269	19.023 ng/ul	96
80) Benzo(a)anthracene	21.40	228	2788891	19.208 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1530631	18.519 ng/ul	98
82) Chrysene	21.46	228	2528383	19.586 ng/ul	98
84) Di-n-octyl phthalate	22.23	149	2720329	18.916 ng/ul#	96
85) Benzo(b)fluoranthene	23.03	252	3177980	18.543 ng/ul#	99
86) Benzo(k)fluoranthene	23.08	252	2848935	17.662 ng/ul#	97
88) Benzo(a)pyrene	23.63	252	3011065	18.427 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.08	276	3737283	19.433 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	3160298	19.384 ng/ul#	96
91) Benzo(g,h,i)perylene	26.79	276	3101555	19.900 ng/ul#	96

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

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