Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012567.D
Acq On : 29 Oct 2017 16:51
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02070

Quant Time: Oct 30 10:04:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 09:44:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	425778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1590782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	917313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2077046	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2403185	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2699391	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	73569	8.83	ng/uL	0.00
5) Phenol-d5	7.04	99	625084	17.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	377175	17.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	508903	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	507144	16.68	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	234077	23.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	261031	25.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	529668	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	607908	21.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1407602	17.57	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1832575	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	238517	20.02	ng/ul	0.00
57) Fluorene-d10	15.49	176	1227481	18.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	148417	14.77	ng/ul	0.00
70) Anthracene-d10	17.34	188	1905385	19.25	ng/ul	0.00
76) Pyrene-d10	19.63	212	2057302	18.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2427951	18.93	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	75988	8.536	ng/uL#	63
4) Benzaldehyde	7.01	77	425821	22.017	ng/ul	95
6) Phenol	7.06	94	650567	17.567	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.29	93	491883	18.061	ng/ul	99
10) 2-Chlorophenol	7.43	128	522351	19.160	ng/ul	99
11) 2-Methylphenol	8.31	108	471443	16.883	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.40	45	544913	18.210	ng/ul#	84
14) Acetophenone	8.69	105	767380	16.067	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.67	70	403175	15.468	ng/ul#	63
16) 4-Methylphenol	8.63	108	508600	16.641	ng/ul	90
17) Hexachloroethane	8.95	117	222616	19.269	ng/ul	87
20) Nitrobenzene	9.06	77	602355	20.988	ng/ul	94
21) Isophorone	9.59	82	1049166	17.274	ng/ul#	94
23) 2-Nitrophenol	9.77	139	280168	24.566	ng/ul#	77
24) 2,4-Dimethylphenol	9.83	107	575516	17.937	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.07	93	625891	18.337	ng/ul	95
27) 2,4-Dichlorophenol	10.31	162	512176	19.309	ng/ul#	90
28) Naphthalene	10.71	128	1527718	19.369	ng/ul	99
30) 4-Chloroaniline	10.82	127	602670	20.875	ng/ul	96
31) Hexachlorobutadiene	10.99	225	382367	18.790	ng/ul	96
32) Caprolactam	11.59	113	148762	17.317	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.95	107	509640	17.102	ng/ul	97
34) 2-Methylnaphthalene	12.32	142	1135689	17.730	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	667380	20.545	ng/ul	98
37) Hexachlorocyclopentadiene	12.67	237	558176	26.608	ng/ul	97
38) 2,4,6-Trichlorophenol	12.93	196	427152	21.960	ng/ul	98
39) 2,4,5-Trichlorophenol	13.00	196	445772	21.620	ng/ul	96
40) 1,1'-Biphenyl	13.33	154	1455382	19.887	ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1174382	20.457	ng/ul	99
42) 2-Nitroaniline	13.57	65	325445	24.376	ng/ul	92
44) Dimethylphthalate	13.95	163	1409008	17.775	ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	295584	23.465	ng/ul	88
47) Acenaphthylene	14.22	152	1759996	19.454	ng/ul	99
48) 3-Nitroaniline	14.40	138	283103	23.985	ng/ul	91
49) Acenaphthene	14.56	153	1190742	19.216	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	83715	11.839	ng/ul	90
52) 4-Nitrophenol	14.72	109	205644	17.014	ng/ul#	80
53) Dibenzofuran	14.90	168	1719182	18.748	ng/ul	95
54) 2,4-Dinitrotoluene	14.86	165	416312	22.066	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.13	232	392061	20.545	ng/ul#	98
56) Diethylphthalate	15.32	149	1373793	17.000	ng/ul	96
58) Fluorene	15.55	166	1393917	17.973	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	741644	17.575	ng/ul	97
60) 4-Nitroaniline	15.56	138	311868	21.077	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.63	198	158654	14.351	ng/ul#	82
64) N-Nitrosodiphenylamine	15.75	169	1202434	19.921	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	481101	19.335	ng/ul	95
66) Hexachlorobenzene	16.55	284	542335	19.705	ng/ul	96
67) Atrazine	16.70	200	465195	17.922	ng/ul	92
68) Pentachlorophenol	16.89	266	300687	19.976	ng/ul	97
69) Phenanthrene	17.28	178	2153862	19.176	ng/ul	99
71) Anthracene	17.37	178	2254490	19.420	ng/ul	99
72) Carbazole	17.64	167	1922372	19.990	ng/ul	100
73) Di-n-butylphthalate	18.20	149	2316606	18.890	ng/ul#	97
74) Fluoranthene	19.29	202	2586797	20.324	ng/ul#	90
77) Pyrene	19.66	202	2667783	19.521	ng/ul#	91
78) Butylbenzylphthalate	20.55	149	1064028	19.762	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.33	252	1006391	19.082	ng/ul	96
80) Benzo(a)anthracene	21.40	228	2786067	19.360	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1544274	18.851	ng/ul	99
82) Chrysene	21.45	228	2541371	19.862	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	2707507	19.337	ng/ul#	99
85) Benzo(b)fluoranthene	23.02	252	3052917	18.295	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	2965920	18.885	ng/ul#	98
88) Benzo(a)pyrene	23.62	252	3013113	18.939	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.06	276	3739575	19.971	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.07	278	3165446	19.941	ng/ul#	96
91) Benzo(g,h,i)perylene	26.78	276	3101385	20.437	ng/ul#	95

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

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