Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005236.D
Acq On : 05 May 2016 15:53
Operator : UM/SJ
Sample : SSTD16045
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16045

Quant Time: May 05 16:26:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 05 14:34:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	75056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	363283	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	233509	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	561822	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	497720	20.00	ng/ul	0.01
83) Perylene-d12	23.65	264	563686	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	88640	55.53	ng/uL	0.00
5) Phenol-d5	6.96	99	1075165	158.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	567293	146.18	ng/ul	0.01
9) 2-Chlorophenol-d4	7.32	132	820549	159.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	886525	157.84	ng/ul	0.02
19) Nitrobenzene-d5	8.95	128	436298	168.22	ng/ul	0.01
22) 2-Nitrophenol-d4	9.66	143	500360	170.38	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.20	165	831137	152.28	ng/ul	0.01
29) 4-Chloroaniline-d4	10.71	131	732409	111.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	2528887	135.11	ng/ul	0.02
46) Acenaphthylene-d8	14.12	160	2905720	132.36	ng/ul	0.01
51) 4-Nitrophenol-d4	14.67	143	537109	157.83	ng/ul	0.04
57) Fluorene-d10	15.43	176	1971090	121.96	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	509862	162.21	ng/ul	0.03
70) Anthracene-d10	17.28	188	3022495	121.70	ng/ul	0.02
76) Pyrene-d10	19.58	212	3201202	139.33	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.52	264	3348140	134.19	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	156594	53.81	ng/uL	98
4) Benzaldehyde	6.92	77	215195	66.89	ng/ul	98
6) Phenol	6.99	94	1085067	154.48	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	768562	145.00	ng/ul	98
10) 2-Chlorophenol	7.35	128	811949	154.39	ng/ul	99
11) 2-Methylphenol	8.23	108	841458	155.00	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	1027856	143.11	ng/ul	98
14) Acetophenone	8.61	105	1175531	141.43	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	593965	136.37	ng/ul	95
16) 4-Methylphenol	8.58	108	923518	153.36	ng/ul	94
17) Hexachloroethane	8.85	117	303124	153.17	ng/ul	95
20) Nitrobenzene	8.99	77	992827	152.89	ng/ul	95
21) Isophorone	9.52	82	1926518	152.79	ng/ul	98
23) 2-Nitrophenol	9.69	139	509756	161.10	ng/ul	99
24) 2,4-Dimethylphenol	9.76	107	998201	148.71	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	1101659	140.29	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	813195	145.48	ng/ul	98
28) Naphthalene	10.62	128	2514565	137.57	ng/ul	100
30) 4-Chloroaniline	10.74	127	757005	113.61	ng/ul	98
31) Hexachlorobutadiene	10.90	225	485960	146.29	ng/ul	98
32) Caprolactam	11.58	113	200962	94.71	ng/ul	96
33) 4-Chloro-3-methylphenol	11.89	107	1003440	149.73	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	1781778	130.34	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	942926	132.75	ng/ul	99
37) Hexachlorocyclopentadiene	12.58	237	626609	173.01	ng/ul	95
38) 2,4,6-Trichlorophenol	12.86	196	698415	147.62	ng/ul	95
39) 2,4,5-Trichlorophenol	12.94	196	776654	147.95	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	2243347	121.27	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	1835477	131.23	ng/ul	97
42) 2-Nitroaniline	13.52	65	697774	162.05	ng/ul	96
44) Dimethylphthalate	13.89	163	2448328	130.92	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	593763	160.99	ng/ul#	90
47) Acenaphthylene	14.15	152	2845624	122.51	ng/ul	99
48) 3-Nitroaniline	14.36	138	569448	145.96	ng/ul	99
49) Acenaphthene	14.49	153	1891110	123.55	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	428328	202.75	ng/ul	93
52) 4-Nitrophenol	14.69	109	445714	157.24	ng/ul	92
53) Dibenzofuran	14.83	168	2522700	113.59	ng/ul	96
54) 2,4-Dinitrotoluene	14.82	165	763285	138.79	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	659855	147.86	ng/ul#	97
56) Diethylphthalate	15.26	149	2466179	130.54	ng/ul	99
58) Fluorene	15.49	166	1823137	105.00	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	945390	109.89	ng/ul	97
60) 4-Nitroaniline	15.54	138	639334	154.35	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	522473	157.93	ng/ul#	87
64) N-Nitrosodiphenylamine	15.69	169	1873274	121.76	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	717597	133.23	ng/ul	97
66) Hexachlorobenzene	16.49	284	808102	133.76	ng/ul	97
67) Atrazine	16.66	200	758834	135.68	ng/ul	99
68) Pentachlorophenol	16.83	266	558124	166.98	ng/ul	97
69) Phenanthrene	17.22	178	3458722	117.08	ng/ul	99
71) Anthracene	17.32	178	3250505	110.36	ng/ul	99
72) Carbazole	17.59	167	3315288	128.31	ng/ul	98
73) Di-n-butylphthalate	18.14	149	3912163	123.78	ng/ul	99
74) Fluoranthene	19.24	202	3900552	119.85	ng/ul	96
77) Pyrene	19.61	202	3668296	127.07	ng/ul	95
78) Butylbenzylphthalate	20.50	149	1849084	154.26	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.29	252	1289339	144.50	ng/ul	98
80) Benzo(a)anthracene	21.36	228	3889733	135.86	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	2257557	135.58	ng/ul#	96
82) Chrysene	21.42	228	3472127	127.84	ng/ul	98
84) Di-n-octyl phthalate	22.17	149	4331133	131.76	ng/ul#	94
85) Benzo(b)fluoranthene	22.98	252	4373377	132.73	ng/ul	98
86) Benzo(k)fluoranthene	23.03	252	3733070	120.34	ng/ul	98
88) Benzo(a)pyrene	23.57	252	3901018	125.18	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	3150520	92.66	ng/ul	96
90) Dibenzo(a,h)anthracene	26.00	278	3488167	122.59	ng/ul	97
91) Benzo(g,h,i)perylene	26.70	276	3858234	133.97	ng/ul	97

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

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