Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005235.D
Acq On : 05 May 2016 13:33
Operator : UM/SJ
Sample : SSTD08044
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08044

Quant Time: May 05 14:12:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 05 13:37:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	83048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	393148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	246950	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	615677	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	600527	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	644546	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	52514	32.35	ng/uL	0.00
5) Phenol-d5	6.95	99	607880	87.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	331598	83.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	469486	86.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	502580	84.98	ng/ul	0.01
19) Nitrobenzene-d5	8.94	128	242925	91.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	278426	95.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	488977	86.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	552060	81.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1505300	77.44	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1773448	77.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	307075	90.22	ng/ul	0.02
57) Fluorene-d10	15.42	176	1239568	71.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	301685	89.26	ng/ul	0.02
70) Anthracene-d10	17.27	188	1938659	70.24	ng/ul	0.01
76) Pyrene-d10	19.57	212	2129410	80.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2154188	75.25	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	94388	31.29	ng/uL	97
4) Benzaldehyde	6.92	77	253162	74.29	ng/ul	98
6) Phenol	6.98	94	626822	85.01	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	457552	81.93	ng/ul	99
10) 2-Chlorophenol	7.35	128	471091	83.63	ng/ul	99
11) 2-Methylphenol	8.22	108	489878	86.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	613586	84.03	ng/ul	99
14) Acetophenone	8.60	105	705900	78.40	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	358888	81.20	ng/ul	97
16) 4-Methylphenol	8.56	108	529578	83.38	ng/ul	95
17) Hexachloroethane	8.85	117	174404	79.24	ng/ul	96
20) Nitrobenzene	8.98	77	570370	85.88	ng/ul	96
21) Isophorone	9.51	82	1113543	88.47	ng/ul	98
23) 2-Nitrophenol	9.69	139	288558	90.06	ng/ul	99
24) 2,4-Dimethylphenol	9.75	107	582268	81.96	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	648690	81.93	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	489833	83.75	ng/ul	97
28) Naphthalene	10.62	128	1504056	75.61	ng/ul	99
30) 4-Chloroaniline	10.73	127	560036	79.59	ng/ul	98
31) Hexachlorobutadiene	10.90	225	283788	74.50	ng/ul	98
32) Caprolactam	11.54	113	105649	51.75	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	583313	85.36	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	1092687	73.93	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	578806	77.06	ng/ul	99
37) Hexachlorocyclopentadiene	12.58	237	351379	84.35	ng/ul	96
38) 2,4,6-Trichlorophenol	12.84	196	414809	87.70	ng/ul	95
39) 2,4,5-Trichlorophenol	12.93	196	455075	85.64	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1427149	73.94	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	1126850	76.42	ng/ul	98
42) 2-Nitroaniline	13.51	65	400709	101.51	ng/ul	95
44) Dimethylphthalate	13.88	163	1488978	76.01	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	341823	93.36	ng/ul#	88
47) Acenaphthylene	14.14	152	1809814	73.85	ng/ul	100
48) 3-Nitroaniline	14.34	138	339864	88.83	ng/ul	98
49) Acenaphthene	14.49	153	1191285	73.48	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	222750	108.54	ng/ul	92
52) 4-Nitrophenol	14.66	109	255508	83.53	ng/ul	96
53) Dibenzofuran	14.82	168	1680618	70.09	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	484206	84.61	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.05	232	390197	83.71	ng/ul#	94
56) Diethylphthalate	15.25	149	1526647	77.12	ng/ul	99
58) Fluorene	15.48	166	1228930	65.13	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	618031	65.82	ng/ul	97
60) 4-Nitroaniline	15.52	138	356295	83.78	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	310835	87.32	ng/ul#	86
64) N-Nitrosodiphenylamine	15.69	169	1205367	72.01	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	439906	74.95	ng/ul	97
66) Hexachlorobenzene	16.48	284	490128	73.10	ng/ul	97
67) Atrazine	16.64	200	478348	78.41	ng/ul	98
68) Pentachlorophenol	16.82	266	317223	86.20	ng/ul	98
69) Phenanthrene	17.22	178	2242657	67.87	ng/ul	99
71) Anthracene	17.31	178	2210378	66.58	ng/ul	100
72) Carbazole	17.58	167	2134031	73.94	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2560656	78.45	ng/ul	100
74) Fluoranthene	19.23	202	2608839	70.70	ng/ul	98
77) Pyrene	19.60	202	2557222	75.49	ng/ul	98
78) Butylbenzylphthalate	20.49	149	1229136	96.59	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	833999	78.72	ng/ul	99
80) Benzo(a)anthracene	21.35	228	2552213	74.53	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	1530144	84.40	ng/ul#	98
82) Chrysene	21.41	228	2381747	72.34	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	2946352	77.13	ng/ul#	96
85) Benzo(b)fluoranthene	22.97	252	2764613	72.49	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	2568479	69.20	ng/ul	99
88) Benzo(a)pyrene	23.56	252	2599043	72.13	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	2842888	78.42	ng/ul	97
90) Dibenzo(a,h)anthracene	25.98	278	2315960	76.29	ng/ul	98
91) Benzo(g,h,i)perylene	26.68	276	2494535	83.27	ng/ul	97

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

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