Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050416\
Data File : BM005225.D
Acq On : 04 May 2016 16:05
Operator : UM/SJ
Sample : SSTD16039
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16039

Quant Time: May 04 16:36:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 03:20:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	12757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	72330	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	52049	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	137594	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	164958	20.00	ng/ul	0.01
83) Perylene-d12	23.65	264	202281	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	15033	59.88	ng/uL	-0.02
5) Phenol-d5	6.96	99	225343	213.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	109405	182.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	164915	197.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	189021	211.28	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	88304	176.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	102166	182.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	186811	175.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	162427	130.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	644533	156.80	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	743468	151.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	148181	206.23	ng/ul	0.02
57) Fluorene-d10	15.42	176	535819	148.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	142248	181.76	ng/ul	0.01
70) Anthracene-d10	17.27	188	883665	143.22	ng/ul	0.00
76) Pyrene-d10	19.57	212	1022731	136.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1272610	140.41	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	27035	58.05	ng/uL	96
4) Benzaldehyde	6.93	77	28466	54.33	ng/ul	96
6) Phenol	6.98	94	234616	213.28	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.21	93	151091	179.14	ng/ul	98
10) 2-Chlorophenol	7.35	128	167235	194.92	ng/ul	98
11) 2-Methylphenol	8.22	108	180126	209.79	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	200679	183.97	ng/ul	98
14) Acetophenone	8.60	105	261563	194.26	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	133177	197.48	ng/ul	98
16) 4-Methylphenol	8.56	108	201605	211.01	ng/ul	96
17) Hexachloroethane	8.85	117	54808	160.42	ng/ul	95
20) Nitrobenzene	8.99	77	208921	169.49	ng/ul	99
21) Isophorone	9.51	82	423028	180.70	ng/ul	98
23) 2-Nitrophenol	9.69	139	107523	177.00	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	221399	169.27	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	238308	163.80	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	188554	172.76	ng/ul	99
28) Naphthalene	10.62	128	562271	154.13	ng/ul	100
30) 4-Chloroaniline	10.73	127	168289	132.82	ng/ul	100
31) Hexachlorobutadiene	10.90	225	94217	130.84	ng/ul	99
32) Caprolactam	11.54	113	45007	119.25	ng/ul	88
33) 4-Chloro-3-methylphenol	11.87	107	240626	192.82	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	426661	158.00	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	224005	137.77 ng/ul	99
37) Hexachlorocyclopentadiene	12.58	237	128734	133.42 ng/ul	96
38) 2,4,6-Trichlorophenol	12.85	196	168364	162.78 ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	189314	163.39 ng/ul	99
40) 1,1'-Biphenyl	13.26	154	580245	140.92 ng/ul	99
41) 2-Chloronaphthalene	13.30	162	455964	145.58 ng/ul	99
42) 2-Nitroaniline	13.52	65	177782	209.30 ng/ul	99
44) Dimethylphthalate	13.89	163	636711	154.44 ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	147349	185.07 ng/ul	98
47) Acenaphthylene	14.15	152	762982	147.31 ng/ul	99
48) 3-Nitroaniline	14.35	138	148203	182.98 ng/ul	100
49) Acenaphthene	14.49	153	497828	146.08 ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	104450	224.76 ng/ul	99
52) 4-Nitrophenol	14.67	109	122459	190.60 ng/ul	95
53) Dibenzofuran	14.83	168	722101	143.68 ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	219503	181.46 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.06	232	168156	167.16 ng/ul	98
56) Diethylphthalate	15.26	149	665669	159.99 ng/ul	100
58) Fluorene	15.48	166	542045	138.93 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	264997	134.61 ng/ul	96
60) 4-Nitroaniline	15.53	138	183774	210.38 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	146497	177.74 ng/ul#	96
64) N-Nitrosodiphenylamine	15.69	169	528856	139.82 ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	188969	140.71 ng/ul	96
66) Hexachlorobenzene	16.48	284	213316	139.44 ng/ul	99
67) Atrazine	16.64	200	209178	150.10 ng/ul	99
68) Pentachlorophenol	16.83	266	145607	165.04 ng/ul	99
69) Phenanthrene	17.22	178	1030975	140.79 ng/ul	99
71) Anthracene	17.32	178	1017509	137.84 ng/ul	99
72) Carbazole	17.59	167	1016649	160.61 ng/ul	98
73) Di-n-butylphthalate	18.14	149	1172208	158.15 ng/ul	100
74) Fluoranthene	19.24	202	1241203	154.01 ng/ul	99
77) Pyrene	19.60	202	1228056	128.88 ng/ul	99
78) Butylbenzylphthalate	20.50	149	601775	164.19 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	451749	153.11 ng/ul	98
80) Benzo(a)anthracene	21.36	228	1352012	143.19 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	779363	151.41 ng/ul	99
82) Chrysene	21.41	228	1242977	137.57 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1569129	124.78 ng/ul	98
85) Benzo(b)fluoranthene	22.97	252	1668514	136.94 ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	1364590	115.18 ng/ul	99
88) Benzo(a)pyrene	23.57	252	1534451	134.87 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.01	276	1941901	178.89 ng/ul	99
90) Dibenzo(a,h)anthracene	26.01	278	1551072	171.03 ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	1771465	199.48 ng/ul	99

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

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