Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012915\
Data File : BM000393.D
Acq On : 29 Jan 2015 19:35
Operator : TP/IZ
Sample : SSTD08061
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 30 15:03:56 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 30 14:42:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	180511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	778360	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	582149	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1235235	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	972410	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	748400	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	76468	31.41	ng/uL	0.00
5) Phenol-d5	6.93	99	1121459	87.79	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.09	67	653664	81.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	926874	87.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	950322	86.61	ng/ul	0.02
19) Nitrobenzene-d5	8.92	128	456110	87.39	ng/ul	0.01
22) 2-Nitrophenol-d4	9.64	143	507360	91.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	1061727	87.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	1024515	70.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.82	166	3541596	81.17	ng/ul	0.01
46) Acenaphthylene-d8	14.10	160	4239095	82.26	ng/ul	0.01
51) 4-Nitrophenol-d4	14.63	143	552955	83.18	ng/ul	0.02
57) Fluorene-d10	15.40	176	3070422	80.39	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	604948	89.56	ng/ul	0.02
70) Anthracene-d10	17.26	188	4689889	81.91	ng/ul	0.01
76) Pyrene-d10	19.55	212	4655323	92.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	2959495	83.02	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	100585	29.47	ng/uL#	60
4) Benzaldehyde	6.90	77	472701	56.33	ng/ul	98
6) Phenol	6.96	94	1134434	87.43	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	844531	82.61	ng/ul	98
10) 2-Chlorophenol	7.33	128	936376	86.87	ng/ul	98
11) 2-Methylphenol	8.20	108	925210	86.65	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.29	45	1703997	80.06	ng/ul	98
14) Acetophenone	8.59	105	1595093	82.62	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	802199	84.64	ng/ul	99
16) 4-Methylphenol	8.55	108	989240	85.62	ng/ul	96
17) Hexachloroethane	8.83	117	437284	83.74	ng/ul	95
20) Nitrobenzene	8.96	77	1280357	84.84	ng/ul	98
21) Isophorone	9.49	82	2260692	84.33	ng/ul	100
23) 2-Nitrophenol	9.67	139	528188	86.79	ng/ul	95
24) 2,4-Dimethylphenol	9.73	107	1327988	84.06	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	1170631	80.82	ng/ul	95
27) 2,4-Dichlorophenol	10.20	162	1041316	85.27	ng/ul	99
28) Naphthalene	10.60	128	3180032	81.74	ng/ul	99
30) 4-Chloroaniline	10.72	127	1059779	70.22	ng/ul	99
31) Hexachlorobutadiene	10.89	225	811458	82.00	ng/ul	99
32) Caprolactam	11.52	113	167057	49.57	ng/ul	95
33) 4-Chloro-3-methylphenol	11.85	107	1219392	83.00	ng/ul	97
34) 2-Methylnaphthalene	12.22	142	2441803	80.74	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	1443239	82.69	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	993130	91.62	ng/ul	97
38) 2,4,6-Trichlorophenol	12.83	196	923523	86.74	ng/ul	91
39) 2,4,5-Trichlorophenol	12.91	196	980741	83.77	ng/ul	95
40) 1,1'-Biphenyl	13.24	154	3440266	81.53	ng/ul	99
41) 2-Chloronaphthalene	13.28	162	2678223	81.48	ng/ul	99
42) 2-Nitroaniline	13.49	65	933125	88.86	ng/ul	100
44) Dimethylphthalate	13.87	163	3530361	80.28	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	721860	89.73	ng/ul	93
47) Acenaphthylene	14.13	152	4356473	82.19	ng/ul	99
48) 3-Nitroaniline	14.32	138	598319	76.56	ng/ul	96
49) Acenaphthene	14.47	153	2812065	81.94	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	407508	94.63	ng/ul	94
52) 4-Nitrophenol	14.64	109	906810	82.83	ng/ul	95
53) Dibenzofuran	14.81	168	4112294	80.37	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	1039835	84.40	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.04	232	904950	87.33	ng/ul	96
56) Diethylphthalate	15.24	149	3792013	81.77	ng/ul	98
58) Fluorene	15.46	166	3537178	82.84	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	1865410	82.72	ng/ul	99
60) 4-Nitroaniline	15.50	138	617148	73.98	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	610539	88.88	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	2914011	84.41	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	1099174	83.43	ng/ul	99
66) Hexachlorobenzene	16.46	284	1256036	82.83	ng/ul	100
67) Atrazine	16.63	200	1101381	78.82	ng/ul	97
68) Pentachlorophenol	16.80	266	760028	89.39	ng/ul	97
69) Phenanthrene	17.20	178	5463758	81.05	ng/ul	98
71) Anthracene	17.29	178	5477957	80.67	ng/ul	98
72) Carbazole	17.56	167	4671069	80.26	ng/ul	99
73) Di-n-butylphthalate	18.12	149	5780256	83.23	ng/ul	100
74) Fluoranthene	19.22	202	5944311	75.83	ng/ul	99
77) Pyrene	19.58	202	5974695	92.06	ng/ul#	97
78) Butylbenzylphthalate	20.47	149	2244710	96.56	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.26	252	1430365	82.25	ng/ul	98
80) Benzo(a)anthracene	21.33	228	4732541	82.64	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.25	149	3121647	94.90	ng/ul	97
82) Chrysene	21.39	228	4374151	82.04	ng/ul	100
84) Di-n-octyl phthalate	22.13	149	4596514	91.75	ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	3942894	82.25	ng/ul	100
86) Benzo(k)fluoranthene	22.97	252	3884760	82.89	ng/ul	98
88) Benzo(a)pyrene	23.51	252	3654264	83.69	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	3948103	90.36	ng/ul	98
90) Dibenzo(a,h)anthracene	25.91	278	3292804	90.59	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	3289450	90.86	ng/ul	98

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

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