Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006395.D
Acq On : 10 Jul 2016 01:42
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Jul 11 04:59:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 11 04:57:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	112661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	465043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	273098	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	627593	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	704645	20.00	ng/ul	0.00
83) Perylene-d12	23.44	264	761142	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	20629	7.83	ng/uL	0.00
5) Phenol-d5	6.81	99	191801	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	117859	18.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	154772	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	152536	17.87	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	74160	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	81842	19.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	154765	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	181295	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	443402	19.46	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	562168	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	81043	18.76	ng/ul	0.00
57) Fluorene-d10	15.28	176	393394	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	70349	19.13	ng/ul	0.00
70) Anthracene-d10	17.13	188	605496	20.22	ng/ul	0.00
76) Pyrene-d10	19.43	212	673749	20.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	727938	20.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	22450	7.79	ng/uL#	9
4) Benzaldehyde	6.78	77	129423	21.21	ng/ul	93
6) Phenol	6.84	94	203145	18.53	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.06	93	150980	18.64	ng/ul	96
10) 2-Chlorophenol	7.20	128	157215	18.81	ng/ul	98
11) 2-Methylphenol	8.08	108	153127	18.23	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	241499	19.97	ng/ul	98
14) Acetophenone	8.45	105	244059	18.76	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.43	70	127050	17.09	ng/ul	92
16) 4-Methylphenol	8.40	108	166857	18.30	ng/ul	98
17) Hexachloroethane	8.70	117	66208	19.35	ng/ul	87
20) Nitrobenzene	8.83	77	193514	20.08	ng/ul	98
21) Isophorone	9.35	82	339549	18.49	ng/ul	99
23) 2-Nitrophenol	9.53	139	89237	19.72	ng/ul	96
24) 2,4-Dimethylphenol	9.60	107	191170	19.99	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	205676	18.74	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	156470	20.77	ng/ul	98
28) Naphthalene	10.46	128	483142	20.19	ng/ul	99
30) 4-Chloroaniline	10.58	127	187060	22.76	ng/ul	97
31) Hexachlorobutadiene	10.75	225	107035	22.74	ng/ul	98
32) Caprolactam	11.33	113	48114	16.13	ng/ul	95
33) 4-Chloro-3-methylphenol	11.72	107	173932	18.92	ng/ul	94
34) 2-Methylnaphthalene	12.08	142	357257	19.67	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	195661	21.55	ng/ul	99
37) Hexachlorocyclopentadiene	12.43	237	94620	18.33	ng/ul	96
38) 2,4,6-Trichlorophenol	12.70	196	128566	20.04	ng/ul	96
39) 2,4,5-Trichlorophenol	12.78	196	135694	20.25	ng/ul	97
40) 1,1'-Biphenyl	13.11	154	459835	20.42	ng/ul	98
41) 2-Chloronaphthalene	13.15	162	361517	20.60	ng/ul	98
42) 2-Nitroaniline	13.36	65	124876	18.64	ng/ul	97
44) Dimethylphthalate	13.74	163	451274	19.70	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	92437	18.62	ng/ul	99
47) Acenaphthylene	14.00	152	589314	19.89	ng/ul	98
48) 3-Nitroaniline	14.20	138	95497	21.06	ng/ul	98
49) Acenaphthene	14.34	153	377054	20.04	ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	44383	16.06	ng/ul	97
52) 4-Nitrophenol	14.52	109	87599	20.17	ng/ul	88
53) Dibenzofuran	14.69	168	545806	20.32	ng/ul	97
54) 2,4-Dinitrotoluene	14.66	165	136818	19.51	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.92	232	120407	19.93	ng/ul	98
56) Diethylphthalate	15.12	149	462447	19.34	ng/ul	99
58) Fluorene	15.33	166	428613	19.90	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	217775	20.60	ng/ul	98
60) 4-Nitroaniline	15.36	138	109517	20.47	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.43	198	76008	19.24	ng/ul	98
64) N-Nitrosodiphenylamine	15.55	169	382828	20.19	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	147897	21.05	ng/ul	96
66) Hexachlorobenzene	16.34	284	158794	20.47	ng/ul	98
67) Atrazine	16.50	200	146187	20.87	ng/ul	98
68) Pentachlorophenol	16.69	266	78239	18.98	ng/ul	96
69) Phenanthrene	17.07	178	708227	20.23	ng/ul	99
71) Anthracene	17.17	178	730853	20.21	ng/ul	100
72) Carbazole	17.44	167	648495	21.40	ng/ul	100
73) Di-n-butylphthalate	18.00	149	802269	19.26	ng/ul	99
74) Fluoranthene	19.10	202	849738	21.81	ng/ul	96
77) Pyrene	19.46	202	883995	20.00	ng/ul	95
78) Butylbenzylphthalate	20.37	149	385656	19.10	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.16	252	298787	22.93	ng/ul	99
80) Benzo(a)anthracene	21.21	228	864235	20.00	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.15	149	522574	19.30	ng/ul	99
82) Chrysene	21.27	228	805944	20.42	ng/ul	99
84) Di-n-octyl phthalate	22.02	149	978433	21.64	ng/ul	99
85) Benzo(b)fluoranthene	22.78	252	933503	20.71	ng/ul	99
86) Benzo(k)fluoranthene	22.82	252	896144	21.37	ng/ul	98
88) Benzo(a)pyrene	23.34	252	908584	20.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.65	276	1048438	21.01	ng/ul	98
90) Dibenzo(a,h)anthracene	25.66	278	882643	21.45	ng/ul	98
91) Benzo(g,h,i)perylene	26.33	276	915528	21.27	ng/ul	99

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

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