Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
Data File : BM006538.D
Acq On : 20 Jul 2016 01:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02042

Quant Time: Jul 20 04:25:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	128834	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	543377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	304386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	687254	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	802257	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	850679	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	24534	8.02	ng/uL	0.00
5) Phenol-d5	6.79	99	223647	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	139769	21.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	175504	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	172307	20.54	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	81833	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	87748	18.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	165561	18.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	213797	23.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	472183	18.95	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	617558	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	83279	19.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	427563	19.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	69338	17.44	ng/ul	0.00
70) Anthracene-d10	17.12	188	655859	20.19	ng/ul	0.00
76) Pyrene-d10	19.42	212	738982	20.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	790104	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	27057	8.25	ng/uL#	24
4) Benzaldehyde	6.76	77	148169	23.23	ng/ul	98
6) Phenol	6.82	94	238626	21.44	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.05	93	181171	22.09	ng/ul	99
10) 2-Chlorophenol	7.18	128	181005	20.60	ng/ul	98
11) 2-Methylphenol	8.06	108	176671	21.31	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	260687	19.55	ng/ul	99
14) Acetophenone	8.43	105	277251	20.98	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	144577	20.74	ng/ul	98
16) 4-Methylphenol	8.39	108	193505	21.60	ng/ul	99
17) Hexachloroethane	8.68	117	73771	19.73	ng/ul	94
20) Nitrobenzene	8.81	77	218202	19.90	ng/ul	98
21) Isophorone	9.32	82	385865	19.71	ng/ul	100
23) 2-Nitrophenol	9.52	139	100071	19.55	ng/ul	96
24) 2,4-Dimethylphenol	9.58	107	211904	19.14	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	241168	20.59	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	168482	19.00	ng/ul	98
28) Naphthalene	10.44	128	557315	20.21	ng/ul	98
30) 4-Chloroaniline	10.56	127	224677	23.47	ng/ul	100
31) Hexachlorobutadiene	10.72	225	107467	17.75	ng/ul	99
32) Caprolactam	11.30	113	54126	19.22	ng/ul	95
33) 4-Chloro-3-methylphenol	11.69	107	189000	19.03	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	405103	19.49	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	208714	19.55	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	82118	14.60	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	132130	19.06	ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	138039	19.33	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	511393	20.37	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	397579	20.25	ng/ul	99
42) 2-Nitroaniline	13.34	65	130978	19.50	ng/ul	98
44) Dimethylphthalate	13.72	163	486041	19.23	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	98183	19.55	ng/ul	98
47) Acenaphthylene	13.99	152	655666	20.44	ng/ul	99
48) 3-Nitroaniline	14.18	138	107270	22.68	ng/ul	96
49) Acenaphthene	14.33	153	417403	20.22	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	39870	13.97	ng/ul	92
52) 4-Nitrophenol	14.50	109	80634	16.46	ng/ul	98
53) Dibenzofuran	14.67	168	599760	19.96	ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	146316	19.49	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.90	232	117882	18.22	ng/ul	100
56) Diethylphthalate	15.10	149	491901	18.45	ng/ul	98
58) Fluorene	15.32	166	481000	20.01	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	233995	19.15	ng/ul	99
60) 4-Nitroaniline	15.34	138	120000	21.39	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.41	198	75568	17.85	ng/ul#	95
64) N-Nitrosodiphenylamine	15.53	169	422121	20.91	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	150508	19.66	ng/ul	97
66) Hexachlorobenzene	16.32	284	166016	19.44	ng/ul	99
67) Atrazine	16.49	200	152647	20.46	ng/ul	98
68) Pentachlorophenol	16.67	266	75278	18.34	ng/ul	96
69) Phenanthrene	17.06	178	776092	20.54	ng/ul	99
71) Anthracene	17.14	178	805993	20.74	ng/ul	100
72) Carbazole	17.42	167	722885	21.99	ng/ul	98
73) Di-n-butylphthalate	17.99	149	855158	19.03	ng/ul	100
74) Fluoranthene	19.08	202	927401	21.12	ng/ul	99
77) Pyrene	19.44	202	979451	20.45	ng/ul	100
78) Butylbenzylphthalate	20.36	149	400787	19.03	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	332437	21.27	ng/ul	99
80) Benzo(a)anthracene	21.20	228	982685	20.07	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	572218	19.57	ng/ul	98
82) Chrysene	21.25	228	901660	19.56	ng/ul	98
84) Di-n-octyl phthalate	22.00	149	1055500	21.29	ng/ul	98
85) Benzo(b)fluoranthene	22.75	252	1024905	20.16	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	997318	20.85	ng/ul	100
88) Benzo(a)pyrene	23.31	252	1008714	20.71	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.60	276	1169518	20.64	ng/ul	100
90) Dibenzo(a,h)anthracene	25.61	278	968762	20.57	ng/ul	99
91) Benzo(g,h,i)perylene	26.28	276	988744	19.74	ng/ul	100

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

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