Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006384.D
Acq On : 09 Jul 2016 19:04
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02051

Quant Time: Jul 11 04:33:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 11 04:31:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	119161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	498620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	286603	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	638156	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	686615	20.00	ng/ul	0.00
83) Perylene-d12	23.44	264	741609	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	21564	7.74	ng/uL	0.00
5) Phenol-d5	6.81	99	203061	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	123327	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	159878	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	161931	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	77925	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	86674	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	161978	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	192789	22.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	475224	19.87	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	595809	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	82893	18.29	ng/ul	0.00
57) Fluorene-d10	15.28	176	414949	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	70293	18.80	ng/ul	0.00
70) Anthracene-d10	17.13	188	622415	20.44	ng/ul	0.00
76) Pyrene-d10	19.43	212	666245	20.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	700351	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	23054	7.56	ng/uL#	17
4) Benzaldehyde	6.78	77	137162	21.25	ng/ul	94
6) Phenol	6.84	94	212164	18.30	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	161415	18.84	ng/ul	98
10) 2-Chlorophenol	7.20	128	164904	18.65	ng/ul	99
11) 2-Methylphenol	8.08	108	162864	18.34	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	255077	19.94	ng/ul	99
14) Acetophenone	8.45	105	261927	19.03	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.43	70	137442	17.48	ng/ul	93
16) 4-Methylphenol	8.40	108	174251	18.07	ng/ul	92
17) Hexachloroethane	8.70	117	68131	18.82	ng/ul	89
20) Nitrobenzene	8.83	77	201129	19.46	ng/ul	98
21) Isophorone	9.35	82	365849	18.58	ng/ul	99
23) 2-Nitrophenol	9.53	139	94842	19.55	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	203290	19.83	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.83	93	223109	18.96	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	162689	20.15	ng/ul	99
28) Naphthalene	10.46	128	513073	20.00	ng/ul	99
30) 4-Chloroaniline	10.57	127	201771	22.90	ng/ul	98
31) Hexachlorobutadiene	10.75	225	109186	21.63	ng/ul	97
32) Caprolactam	11.33	113	51087	15.97	ng/ul	99
33) 4-Chloro-3-methylphenol	11.72	107	186203	18.89	ng/ul	95
34) 2-Methylnaphthalene	12.08	142	383517	19.70	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	209197	21.96	ng/ul	97
37) Hexachlorocyclopentadiene	12.43	237	102830	18.98	ng/ul	97
38) 2,4,6-Trichlorophenol	12.70	196	137971	20.49	ng/ul	98
39) 2,4,5-Trichlorophenol	12.78	196	140768	20.02	ng/ul	96
40) 1,1'-Biphenyl	13.11	154	492697	20.85	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	385333	20.92	ng/ul	98
42) 2-Nitroaniline	13.36	65	132879	18.90	ng/ul	97
44) Dimethylphthalate	13.74	163	478567	19.90	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	99769	19.15	ng/ul	98
47) Acenaphthylene	14.00	152	623081	20.04	ng/ul	100
48) 3-Nitroaniline	14.20	138	100448	21.10	ng/ul	93
49) Acenaphthene	14.34	153	398690	20.19	ng/ul	99
50) 2,4-Dinitrophenol	14.41	184	44632	15.39	ng/ul	99
52) 4-Nitrophenol	14.52	109	90260	19.80	ng/ul	89
53) Dibenzofuran	14.69	168	574851	20.39	ng/ul	100
54) 2,4-Dinitrotoluene	14.66	165	140318	19.06	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.92	232	125989	19.87	ng/ul	97
56) Diethylphthalate	15.12	149	484358	19.30	ng/ul	100
58) Fluorene	15.34	166	454552	20.11	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	228885	20.63	ng/ul	99
60) 4-Nitroaniline	15.36	138	111636	19.89	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.43	198	76450	19.03	ng/ul	99
64) N-Nitrosodiphenylamine	15.55	169	403120	20.91	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	150235	21.03	ng/ul	98
66) Hexachlorobenzene	16.34	284	165024	20.92	ng/ul	99
67) Atrazine	16.50	200	149280	20.96	ng/ul	97
68) Pentachlorophenol	16.69	266	78633	18.76	ng/ul	96
69) Phenanthrene	17.07	178	722932	20.31	ng/ul	99
71) Anthracene	17.17	178	743982	20.24	ng/ul	100
72) Carbazole	17.44	167	654780	21.25	ng/ul	100
73) Di-n-butylphthalate	18.00	149	822588	19.42	ng/ul	99
74) Fluoranthene	19.10	202	844251	21.31	ng/ul	96
77) Pyrene	19.46	202	876354	20.35	ng/ul	95
78) Butylbenzylphthalate	20.37	149	373266	18.97	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.16	252	289484	22.80	ng/ul	98
80) Benzo(a)anthracene	21.21	228	856062	20.33	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.15	149	514254	19.49	ng/ul	98
82) Chrysene	21.27	228	777120	20.21	ng/ul	99
84) Di-n-octyl phthalate	22.02	149	948973	21.54	ng/ul	100
85) Benzo(b)fluoranthene	22.78	252	890058	20.27	ng/ul	99
86) Benzo(k)fluoranthene	22.82	252	876071	21.44	ng/ul	99
88) Benzo(a)pyrene	23.34	252	884628	20.81	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.64	276	1036940	21.33	ng/ul	97
90) Dibenzo(a,h)anthracene	25.66	278	875380	21.84	ng/ul	98
91) Benzo(g,h,i)perylene	26.33	276	903927	21.55	ng/ul	99

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

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