Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001877.D
Acq On : 07 Jul 2015 23:24
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02024

Quant Time: Jul 08 05:36:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	70382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	267272	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	155426	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	354651	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	404396	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	421585	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	11854	8.03	ng/uL	0.00
5) Phenol-d5	6.83	99	110903	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	59921	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	91796	21.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	88552	20.41	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	41943	22.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	48830	24.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	95365	22.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	112186	25.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	234890	20.38	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	320637	21.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	44150	20.76	ng/ul	0.00
57) Fluorene-d10	15.32	176	223186	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	44248	20.42	ng/ul	0.00
70) Anthracene-d10	17.17	188	342273	20.72	ng/ul	0.00
78) Pyrene-d10	19.47	212	373905	21.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	389492	20.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	12786	7.58	ng/uL	98
4) Benzaldehyde	6.81	77	76117	21.53	ng/ul	99
6) Phenol	6.86	94	113574	20.36	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	83715	19.98	ng/ul	97
10) 2-Chlorophenol	7.23	128	91815	20.75	ng/ul	98
11) 2-Methylphenol	8.11	108	85043	20.59	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	95059	18.53	ng/ul	97
14) Acetophenone	8.49	105	138627	20.13	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	68965	20.49	ng/ul	97
16) 4-Methylphenol	8.44	108	91695	20.43	ng/ul	98
17) Hexachloroethane	8.73	117	37448	21.07	ng/ul	94
20) Nitrobenzene	8.87	77	104023	20.77	ng/ul	98
21) Isophorone	9.39	82	179958	21.51	ng/ul	99
23) 2-Nitrophenol	9.58	139	51469	23.23	ng/ul	92
24) 2,4-Dimethylphenol	9.64	107	105539	20.61	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.87	93	106145	20.33	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	89736	21.36	ng/ul	97
28) Naphthalene	10.50	128	273705	20.28	ng/ul	99
30) 4-Chloroaniline	10.62	127	111693	24.98	ng/ul	97
31) Hexachlorobutadiene	10.79	225	69885	21.72	ng/ul	98
32) Caprolactam	11.38	113	27182	21.66	ng/ul	88
33) 4-Chloro-3-methylphenol	11.75	107	93037	20.81	ng/ul	94
34) 2-Methylnaphthalene	12.13	142	199226	20.41	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	124087	21.36	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	63419	18.06	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	75829	22.44	ng/ul	94
39) 2,4,5-Trichlorophenol	12.82	196	81089	21.93	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	257706	20.31	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	206411	20.75	ng/ul	97
42) 2-Nitroaniline	13.40	65	57011	21.62	ng/ul	94
44) Dimethylphthalate	13.78	163	253857	20.15	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	54595	23.05	ng/ul	92
47) Acenaphthylene	14.05	152	319587	20.75	ng/ul	99
48) 3-Nitroaniline	14.24	138	54224	24.50	ng/ul	91
49) Acenaphthene	14.39	153	213019	20.69	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	29255	19.93	ng/ul	92
52) 4-Nitrophenol	14.55	109	43126	19.63	ng/ul	95
53) Dibenzofuran	14.72	168	301724	20.47	ng/ul	100
54) 2,4-Dinitrotoluene	14.70	165	77245	22.12	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.95	232	70296	21.99	ng/ul	97
56) Diethylphthalate	15.15	149	248899	20.78	ng/ul	99
58) Fluorene	15.37	166	250308	20.40	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	137463	20.78	ng/ul	98
60) 4-Nitroaniline	15.40	138	56172	22.36	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.46	198	46001	19.93	ng/ul	98
64) N-Nitrosodiphenylamine	15.59	169	215397	20.79	ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	84798	21.44	ng/ul	92
66) Hexachlorobenzene	16.37	284	93077	20.95	ng/ul	98
67) Atrazine	16.54	200	88371	21.17	ng/ul	97
68) Pentachlorophenol	16.72	266	54369	19.96	ng/ul	99
69) Phenanthrene	17.12	178	384106	19.97	ng/ul	99
71) Anthracene	17.20	178	401691	20.35	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	117001	20.98	ng/uL	95
73) Pentachlorobenzene	14.65	250	109273	20.79	ng/uL	99
74) Carbazole	17.48	167	348858	20.14	ng/ul	98
75) Di-n-butylphthalate	18.03	149	407711	22.03	ng/ul	100
76) Fluoranthene	19.13	202	464374	20.19	ng/ul	99
79) Pyrene	19.50	202	483716	21.56	ng/ul	99
80) Butylbenzylphthalate	20.40	149	183591	25.08	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.19	252	167685	23.34	ng/ul	97
82) Benzo(a)anthracene	21.25	228	496110	21.00	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	266782	24.24	ng/ul	99
84) Chrysene	21.30	228	457585	20.43	ng/ul	100
86) Di-n-octyl phthalate	22.04	149	467388	22.56	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	510181	20.79	ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	472402	19.92	ng/ul	99
90) Benzo(a)pyrene	23.40	252	494055	20.69	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	593583	20.97	ng/ul	97
92) Dibenzo(a,h)anthracene	25.76	278	501660	21.01	ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	499255	20.97	ng/ul	99

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

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