Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070915\
Data File : BM001889.D
Acq On : 09 Jul 2015 19:15
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02029

Quant Time: Jul 10 05:16:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 05:15:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	67566	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	257125	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	147927	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	341801	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	393386	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	400092	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	10685	7.54	ng/uL	0.00
5) Phenol-d5	6.83	99	97820	18.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	53552	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	81837	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	78705	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	37714	21.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	42394	21.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	83724	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	99388	23.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	205881	18.77	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	279694	19.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	39753	19.64	ng/ul	0.00
57) Fluorene-d10	15.32	176	196005	19.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	37137	17.79	ng/ul	0.00
70) Anthracene-d10	17.17	188	304322	19.11	ng/ul	0.00
78) Pyrene-d10	19.47	212	336264	20.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	343299	19.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	11828	7.31	ng/uL	97
4) Benzaldehyde	6.81	77	69127	20.37	ng/ul	98
6) Phenol	6.86	94	101055	18.87	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	75323	18.72	ng/ul	97
10) 2-Chlorophenol	7.23	128	82192	19.35	ng/ul	98
11) 2-Methylphenol	8.10	108	75714	19.10	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	85007	17.26	ng/ul	96
14) Acetophenone	8.49	105	123862	18.73	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.47	70	60125	18.61	ng/ul	98
16) 4-Methylphenol	8.43	108	80936	18.79	ng/ul	99
17) Hexachloroethane	8.73	117	33909	19.88	ng/ul	94
20) Nitrobenzene	8.87	77	91735	19.04	ng/ul	95
21) Isophorone	9.38	82	157193	19.53	ng/ul	98
23) 2-Nitrophenol	9.57	139	44189	20.73	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	91764	18.63	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	93966	18.71	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	78736	19.48	ng/ul	95
28) Naphthalene	10.50	128	242899	18.71	ng/ul	99
30) 4-Chloroaniline	10.62	127	100272	23.31	ng/ul	99
31) Hexachlorobutadiene	10.78	225	60252	19.47	ng/ul	93
32) Caprolactam	11.37	113	24032	19.91	ng/ul	97
33) 4-Chloro-3-methylphenol	11.75	107	81928	19.05	ng/ul	94
34) 2-Methylnaphthalene	12.12	142	173249	18.45	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	106287	19.22	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	52465	15.70	ng/ul	100
38) 2,4,6-Trichlorophenol	12.74	196	65865	20.48	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	71854	20.42	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	230422	19.08	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	180985	19.12	ng/ul	97
42) 2-Nitroaniline	13.40	65	51118	20.37	ng/ul	91
44) Dimethylphthalate	13.78	163	221984	18.51	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	47277	20.98	ng/ul	98
47) Acenaphthylene	14.04	152	281343	19.19	ng/ul	98
48) 3-Nitroaniline	14.23	138	48955	23.24	ng/ul	92
49) Acenaphthene	14.39	153	184863	18.87	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	23525	16.84	ng/ul	92
52) 4-Nitrophenol	14.55	109	37814	18.08	ng/ul	90
53) Dibenzofuran	14.72	168	266526	19.00	ng/ul	100
54) 2,4-Dinitrotoluene	14.70	165	69163	20.81	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.95	232	61950	20.36	ng/ul	95
56) Diethylphthalate	15.15	149	221474	19.43	ng/ul	99
58) Fluorene	15.37	166	222490	19.05	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	119633	19.00	ng/ul	97
60) 4-Nitroaniline	15.40	138	51871	21.70	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.46	198	39507	17.76	ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	191522	19.18	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	74200	19.46	ng/ul	93
66) Hexachlorobenzene	16.37	284	80933	18.90	ng/ul	98
67) Atrazine	16.53	200	76628	19.05	ng/ul	94
68) Pentachlorophenol	16.72	266	48778	18.58	ng/ul	95
69) Phenanthrene	17.11	178	348634	18.81	ng/ul	98
71) Anthracene	17.20	178	357617	18.79	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	102936	19.16	ng/uL	95
73) Pentachlorobenzene	14.64	250	94775	18.71	ng/uL	97
74) Carbazole	17.47	167	315057	18.87	ng/ul	98
75) Di-n-butylphthalate	18.03	149	365305	20.48	ng/ul	100
76) Fluoranthene	19.13	202	415372	18.74	ng/ul	98
79) Pyrene	19.50	202	434635	19.91	ng/ul	99
80) Butylbenzylphthalate	20.40	149	166662	23.41	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.19	252	152612	21.83	ng/ul	99
82) Benzo(a)anthracene	21.25	228	446307	19.42	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	238246	22.25	ng/ul	98
84) Chrysene	21.30	228	411332	18.88	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	421106	21.42	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	453859	19.49	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	428911	19.06	ng/ul	100
90) Benzo(a)pyrene	23.40	252	433040	19.11	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	516892	19.24	ng/ul	98
92) Dibenzo(a,h)anthracene	25.75	278	438109	19.33	ng/ul	99
93) Benzo(g,h,i)perylene	26.43	276	433763	19.20	ng/ul	99

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

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