Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001980.D
Acq On : 20 Jul 2015 18:50
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Jul 21 00:50:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 00:43:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	82844	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	352485	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	226507	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	514700	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	605140	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	539643	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	12254	7.24	ng/uL	0.00
5) Phenol-d5	6.82	99	130314	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	70511	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	104881	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	108798	19.59	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	52326	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	58533	20.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	117821	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	134791	22.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	340442	18.63	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	422663	19.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	57140	18.47	ng/ul	0.00
57) Fluorene-d10	15.31	176	300696	19.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	53763	16.13	ng/ul	0.00
70) Anthracene-d10	17.16	188	469269	19.42	ng/ul	0.00
78) Pyrene-d10	19.46	212	523976	18.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	531056	19.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	13254	7.42	ng/uL	95
4) Benzaldehyde	6.80	77	55579	17.00	ng/ul	96
6) Phenol	6.85	94	136213	19.50	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	100926	19.61	ng/ul	96
10) 2-Chlorophenol	7.22	128	106773	19.59	ng/ul	99
11) 2-Methylphenol	8.10	108	104934	19.73	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	107319	17.86	ng/ul	95
14) Acetophenone	8.47	105	169712	19.34	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	86109	19.11	ng/ul	97
16) 4-Methylphenol	8.43	108	114605	19.69	ng/ul	98
17) Hexachloroethane	8.72	117	41024	18.85	ng/ul	92
20) Nitrobenzene	8.86	77	124449	19.19	ng/ul	98
21) Isophorone	9.37	82	228252	18.84	ng/ul	98
23) 2-Nitrophenol	9.56	139	62801	19.75	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	129860	19.22	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	138930	19.11	ng/ul	97
27) 2,4-Dichlorophenol	10.09	162	113149	19.65	ng/ul	99
28) Naphthalene	10.49	128	345858	19.43	ng/ul	99
30) 4-Chloroaniline	10.61	127	136166	21.71	ng/ul	95
31) Hexachlorobutadiene	10.77	225	79437	19.24	ng/ul	96
32) Caprolactam	11.37	113	53446	19.64	ng/ul	92
33) 4-Chloro-3-methylphenol	11.74	107	122936	19.46	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	258706	19.53	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	156617	19.36	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	70234	15.11	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	99224	19.60	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	108030	19.60	ng/ul	96
40) 1,1'-Biphenyl	13.14	154	346659	19.07	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	272636	19.25	ng/ul	99
42) 2-Nitroaniline	13.39	65	75397	18.90	ng/ul	96
44) Dimethylphthalate	13.77	163	346078	18.62	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	73537	19.22	ng/ul	98
47) Acenaphthylene	14.03	152	427587	19.07	ng/ul	99
48) 3-Nitroaniline	14.23	138	68716	20.32	ng/ul	98
49) Acenaphthene	14.37	153	288041	19.16	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	31691	13.73	ng/ul	97
52) 4-Nitrophenol	14.53	109	50168	17.59	ng/ul	95
53) Dibenzofuran	14.71	168	409052	18.94	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	105525	19.00	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	93934	19.27	ng/ul#	99
56) Diethylphthalate	15.14	149	343607	18.66	ng/ul	100
58) Fluorene	15.36	166	346557	19.14	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	187802	19.14	ng/ul	99
60) 4-Nitroaniline	15.39	138	71089	19.97	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	57788	16.34	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	296228	19.26	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	112728	19.16	ng/ul	97
66) Hexachlorobenzene	16.36	284	125526	19.27	ng/ul	97
67) Atrazine	16.53	200	116961	19.28	ng/ul	98
68) Pentachlorophenol	16.71	266	73118	18.20	ng/ul	95
69) Phenanthrene	17.10	178	539684	19.35	ng/ul	99
71) Anthracene	17.19	178	559942	19.47	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	155695	19.75	ng/uL	99
73) Pentachlorobenzene	14.63	250	150495	19.60	ng/uL	98
74) Carbazole	17.47	167	486232	19.62	ng/ul	99
75) Di-n-butylphthalate	18.03	149	568534	19.00	ng/ul	99
76) Fluoranthene	19.12	202	646314	19.83	ng/ul	98
79) Pyrene	19.49	202	683325	18.87	ng/ul	99
80) Butylbenzylphthalate	20.40	149	260382	18.92	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	204230	18.20	ng/ul	99
82) Benzo(a)anthracene	21.24	228	697379	19.36	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	389077	19.28	ng/ul	100
84) Chrysene	21.30	228	647321	19.19	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	679122	20.21	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	639891	19.35	ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	639076	20.10	ng/ul	99
90) Benzo(a)pyrene	23.39	252	605947	19.50	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.74	276	599145	18.37	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	513996	18.63	ng/ul	98
93) Benzo(g,h,i)perylene	26.42	276	486098	18.13	ng/ul	99

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

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