Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001995.D
Acq On : 21 Jul 2015 04:07
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: Jul 21 04:49:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 01:37:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	108732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	446354	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	257458	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	523839	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	419037	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	408321	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	15744	7.08	ng/uL	0.00
5) Phenol-d5	6.83	99	164386	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	88276	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	136239	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	135418	18.57	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	65754	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	68038	18.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	147224	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	160067	20.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	390616	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	486712	19.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	48556	13.81	ng/ul	0.00
57) Fluorene-d10	15.31	176	333670	18.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	13105	3.86	ng/ul	0.00
70) Anthracene-d10	17.16	188	471576	19.18	ng/ul	0.00
78) Pyrene-d10	19.46	212	423700	22.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	399440	19.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	16091	6.86	ng/uL	97
4) Benzaldehyde	6.80	77	71446	16.65	ng/ul	92
6) Phenol	6.86	94	169887	18.53	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	128334	19.00	ng/ul	94
10) 2-Chlorophenol	7.22	128	139272	19.47	ng/ul	97
11) 2-Methylphenol	8.10	108	130181	18.65	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	133600	16.94	ng/ul#	94
14) Acetophenone	8.48	105	211678	18.38	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	104244	17.63	ng/ul	98
16) 4-Methylphenol	8.43	108	142979	18.71	ng/ul	96
17) Hexachloroethane	8.72	117	50759	17.77	ng/ul	97
20) Nitrobenzene	8.86	77	154319	18.79	ng/ul	96
21) Isophorone	9.38	82	275044	17.93	ng/ul	97
23) 2-Nitrophenol	9.57	139	72006	17.88	ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	158728	18.55	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	170577	18.53	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	140531	19.28	ng/ul	98
28) Naphthalene	10.50	128	431523	19.15	ng/ul	99
30) 4-Chloroaniline	10.62	127	160536	20.22	ng/ul	99
31) Hexachlorobutadiene	10.77	225	103186	19.74	ng/ul	97
32) Caprolactam	11.39	113	60359	17.52	ng/ul	90
33) 4-Chloro-3-methylphenol	11.75	107	141394	17.68	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	314260	18.73	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	193016	20.99	ng/ul	96
37) Hexachlorocyclopentadiene	12.46	237	36236	6.86	ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	114549	19.91	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	119328	19.04	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	416305	20.14	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	324386	20.15	ng/ul	98
42) 2-Nitroaniline	13.40	65	83044	18.31	ng/ul	91
44) Dimethylphthalate	13.77	163	395074	18.70	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	81659	18.78	ng/ul	96
47) Acenaphthylene	14.03	152	494433	19.40	ng/ul	99
48) 3-Nitroaniline	14.23	138	80843	21.03	ng/ul	98
49) Acenaphthene	14.38	153	329041	19.26	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	5712	2.18	ng/ul	97
52) 4-Nitrophenol	14.55	109	43024	13.28	ng/ul	96
53) Dibenzofuran	14.72	168	465829	18.98	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	110503	17.51	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.95	232	92416	16.68	ng/ul#	98
56) Diethylphthalate	15.15	149	383434	18.32	ng/ul	99
58) Fluorene	15.37	166	383570	18.63	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	213225	19.12	ng/ul	99
60) 4-Nitroaniline	15.40	138	78771	19.47	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.46	198	13853	3.85	ng/ul#	98
64) N-Nitrosodiphenylamine	15.58	169	325525	20.80	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	126140	21.06	ng/ul	99
66) Hexachlorobenzene	16.37	284	135055	20.37	ng/ul	95
67) Atrazine	16.53	200	126470	20.48	ng/ul	97
68) Pentachlorophenol	16.72	266	55675	13.62	ng/ul	98
69) Phenanthrene	17.10	178	541414	19.08	ng/ul	99
71) Anthracene	17.20	178	558374	19.07	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	187749	23.40	ng/uL	98
73) Pentachlorobenzene	14.63	250	173069	22.15	ng/uL	97
74) Carbazole	17.47	167	465967	18.47	ng/ul	98
75) Di-n-butylphthalate	18.03	149	610400	20.05	ng/ul	99
76) Fluoranthene	19.13	202	553109	16.67	ng/ul	100
79) Pyrene	19.49	202	550499	21.96	ng/ul	98
80) Butylbenzylphthalate	20.39	149	218282	22.90	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.18	252	128195	16.50	ng/ul	98
82) Benzo(a)anthracene	21.24	228	484715	19.44	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	307463	22.00	ng/ul	99
84) Chrysene	21.29	228	448601	19.20	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	488354	19.21	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	456892	18.26	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	460335	19.13	ng/ul	99
90) Benzo(a)pyrene	23.39	252	448810	19.09	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.73	276	531454	21.53	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	454770	21.79	ng/ul	99
93) Benzo(g,h,i)perylene	26.42	276	450743	22.22	ng/ul	99

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

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