Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
Data File : BM001998.D
Acq On : 21 Jul 2015 22:29
Operator : TP/UM
Sample : SSTD01061
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01061

Quant Time: Jul 22 01:10:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 22 00:57:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	106259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	430812	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	244076	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	524938	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	559959	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	399261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7652	3.47	ng/uL	0.00
5) Phenol-d5	6.79	99	77157	8.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	46222	9.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	65101	9.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	63085	9.04	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	27728	8.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	30665	8.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	64243	9.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	83728	11.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	176597	9.10	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	222556	9.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	24935	7.66	ng/ul	0.00
57) Fluorene-d10	15.27	176	161311	9.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	25102	7.62	ng/ul	0.00
70) Anthracene-d10	17.13	188	235710	9.74	ng/ul	0.00
78) Pyrene-d10	19.43	212	251931	10.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	209500	10.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	9185	3.90	ng/uL	98
4) Benzaldehyde	6.77	77	47708	11.46	ng/ul	95
6) Phenol	6.82	94	82723	9.26	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	64182	9.79	ng/ul	96
10) 2-Chlorophenol	7.18	128	67076	9.62	ng/ul	97
11) 2-Methylphenol	8.06	108	60228	8.95	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.16	45	69407	9.37	ng/ul	98
14) Acetophenone	8.44	105	101031	9.15	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	47730	8.57	ng/ul	99
16) 4-Methylphenol	8.39	108	66186	8.99	ng/ul	94
17) Hexachloroethane	8.69	117	24813	8.98	ng/ul	98
20) Nitrobenzene	8.82	77	73052	9.37	ng/ul	97
21) Isophorone	9.34	82	121108	8.57	ng/ul	98
23) 2-Nitrophenol	9.53	139	34607	9.18	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	74400	9.21	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	83525	9.36	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	62758	9.10	ng/ul	98
28) Naphthalene	10.46	128	213332	9.94	ng/ul	100
30) 4-Chloroaniline	10.57	127	85574	11.29	ng/ul	99
31) Hexachlorobutadiene	10.74	225	45995	9.18	ng/ul	96
32) Caprolactam	11.32	113	23625	7.55	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	64409	8.61	ng/ul	94
34) 2-Methylnaphthalene	12.08	142	149256	9.32	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	87262	9.48	ng/ul	97
37) Hexachlorocyclopentadiene	12.43	237	36605	7.14	ng/ul	98
38) 2,4,6-Trichlorophenol	12.70	196	48615	8.84	ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	52884	9.02	ng/ul	99
40) 1,1'-Biphenyl	13.11	154	197912	10.04	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	152341	9.93	ng/ul	98
42) 2-Nitroaniline	13.36	65	31479	7.62	ng/ul	95
44) Dimethylphthalate	13.74	163	181558	9.14	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	30618	7.66	ng/ul	96
47) Acenaphthylene	14.00	152	231619	9.63	ng/ul	99
48) 3-Nitroaniline	14.19	138	31986	8.87	ng/ul	98
49) Acenaphthene	14.35	153	159645	9.79	ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	13688	5.72	ng/ul	99
52) 4-Nitrophenol	14.50	109	21401	7.19	ng/ul	91
53) Dibenzofuran	14.68	168	225499	9.74	ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	46698	8.00	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.91	232	42157	8.12	ng/ul#	95
56) Diethylphthalate	15.11	149	169798	8.64	ng/ul	99
58) Fluorene	15.33	166	184769	9.45	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	98211	9.25	ng/ul	96
60) 4-Nitroaniline	15.36	138	30550	8.08	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.42	198	27958	7.96	ng/ul#	99
64) N-Nitrosodiphenylamine	15.54	169	153990	9.83	ng/ul	98
65) 4-Bromophenyl-phenylether	16.23	248	55227	9.31	ng/ul	99
66) Hexachlorobenzene	16.33	284	61633	9.40	ng/ul	97
67) Atrazine	16.50	200	51961	8.70	ng/ul	98
68) Pentachlorophenol	16.68	266	26441	6.72	ng/ul	96
69) Phenanthrene	17.07	178	279312	9.89	ng/ul	99
71) Anthracene	17.16	178	283774	9.60	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	83977	10.39	ng/uL	98
73) Pentachlorobenzene	14.60	250	77154	9.76	ng/uL	100
74) Carbazole	17.44	167	243634	9.84	ng/ul	99
75) Di-n-butylphthalate	18.00	149	247942	8.72	ng/ul	99
76) Fluoranthene	19.09	202	312798	9.91	ng/ul	98
79) Pyrene	19.46	202	332401	10.31	ng/ul	96
80) Butylbenzylphthalate	20.36	149	99974	8.03	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.14	252	101583	9.63	ng/ul	99
82) Benzo(a)anthracene	21.21	228	324374	9.71	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	151622	8.16	ng/ul#	99
84) Chrysene	21.26	228	307058	9.55	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	207962	7.88	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	253350	9.44	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	227783	9.03	ng/ul	98
90) Benzo(a)pyrene	23.33	252	235743	10.25	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.65	276	222462	9.01	ng/ul	99
92) Dibenzo(a,h)anthracene	25.67	278	188908	9.04	ng/ul	98
93) Benzo(g,h,i)perylene	26.34	276	186350	9.13	ng/ul	96

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

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