Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042915\
Data File : BM001137.D
Acq On : 28 Apr 2015 20:33
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Apr 29 05:19:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 29 05:05:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	155039	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	650585	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	373533	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	834237	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	971516	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	914998	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	27921	8.16	ng/uL	0.00
5) Phenol-d5	6.72	99	253414	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	161388	19.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	204471	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	205588	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	94884	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	103918	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	199580	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	264844	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	550539	21.32	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	769466	21.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	105286	19.38	ng/ul	0.00
57) Fluorene-d10	15.20	176	526457	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	94850	18.98	ng/ul	0.00
70) Anthracene-d10	17.06	188	814739	21.08	ng/ul	0.00
76) Pyrene-d10	19.36	212	881452	20.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	859176	20.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	29207	7.73	ng/uL	98
4) Benzaldehyde	6.68	77	171087	26.26	ng/ul	98
6) Phenol	6.75	94	271561	19.72	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.97	93	214357	20.10	ng/ul	99
10) 2-Chlorophenol	7.10	128	216411	20.63	ng/ul	97
11) 2-Methylphenol	7.99	108	200678	19.63	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.08	45	400198	19.99	ng/ul	100
14) Acetophenone	8.36	105	332640	19.84	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.35	70	170518	20.88	ng/ul	98
16) 4-Methylphenol	8.32	108	225660	20.08	ng/ul	100
17) Hexachloroethane	8.60	117	89043	20.69	ng/ul	99
20) Nitrobenzene	8.73	77	259516	21.09	ng/ul	99
21) Isophorone	9.26	82	452885	21.42	ng/ul	100
23) 2-Nitrophenol	9.45	139	118115	22.15	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	247623	21.00	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	286390	20.90	ng/ul	100
27) 2,4-Dichlorophenol	9.97	162	203415	21.50	ng/ul	99
28) Naphthalene	10.37	128	708272	20.64	ng/ul	99
30) 4-Chloroaniline	10.49	127	276959	24.03	ng/ul	96
31) Hexachlorobutadiene	10.66	225	121427	20.88	ng/ul	99
32) Caprolactam	11.23	113	58997	19.89	ng/ul	99
33) 4-Chloro-3-methylphenol	11.63	107	220018	21.39	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	496846	20.91	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	238468	20.61	ng/ul	98
37) Hexachlorocyclopentadiene	12.36	237	127203	19.60	ng/ul	95
38) 2,4,6-Trichlorophenol	12.63	196	149044	21.52	ng/ul	100
39) 2,4,5-Trichlorophenol	12.70	196	159716	20.57	ng/ul	98
40) 1,1'-Biphenyl	13.03	154	649441	20.60	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	498519	20.58	ng/ul	98
42) 2-Nitroaniline	13.29	65	154397	21.99	ng/ul	97
44) Dimethylphthalate	13.67	163	617760	21.06	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	118329	22.18	ng/ul	99
47) Acenaphthylene	13.92	152	821152	20.81	ng/ul	99
48) 3-Nitroaniline	14.12	138	128276	22.10	ng/ul	90
49) Acenaphthene	14.27	153	543178	20.58	ng/ul	98
50) 2,4-Dinitrophenol	14.33	184	59177	18.45	ng/ul	96
52) 4-Nitrophenol	14.44	109	94728	19.81	ng/ul	97
53) Dibenzofuran	14.60	168	754406	20.72	ng/ul	99
54) 2,4-Dinitrotoluene	14.59	165	178893	21.95	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.84	232	134630	22.02	ng/ul#	96
56) Diethylphthalate	15.04	149	626567	21.02	ng/ul	99
58) Fluorene	15.26	166	631837	20.66	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	299304	20.59	ng/ul	99
60) 4-Nitroaniline	15.29	138	136973	20.57	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.35	198	106245	19.66	ng/ul	99
64) N-Nitrosodiphenylamine	15.47	169	523335	20.75	ng/ul	99
65) 4-Bromophenyl-phenylether	16.15	248	171928	21.25	ng/ul	93
66) Hexachlorobenzene	16.27	284	191321	20.80	ng/ul	98
67) Atrazine	16.43	200	178316	20.20	ng/ul	99
68) Pentachlorophenol	16.62	266	96917	19.08	ng/ul	96
69) Phenanthrene	17.00	178	984982	20.62	ng/ul	99
71) Anthracene	17.09	178	1007155	20.70	ng/ul	100
72) Carbazole	17.36	167	924290	20.43	ng/ul	99
73) Di-n-butylphthalate	17.93	149	1046038	21.73	ng/ul	99
74) Fluoranthene	19.02	202	1130442	20.57	ng/ul	98
77) Pyrene	19.39	202	1217582	20.53	ng/ul	98
78) Butylbenzylphthalate	20.30	149	477592	22.05	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.09	252	386887	22.32	ng/ul	99
80) Benzo(a)anthracene	21.14	228	1181862	20.45	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.09	149	744949	21.89	ng/ul#	98
82) Chrysene	21.20	228	1115874	20.32	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	1245599	20.18	ng/ul	100
85) Benzo(b)fluoranthene	22.67	252	1166513	20.52	ng/ul	100
86) Benzo(k)fluoranthene	22.72	252	1119349	21.09	ng/ul	98
88) Benzo(a)pyrene	23.23	252	1118739	20.72	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.47	276	1237911	20.26	ng/ul	99
90) Dibenzo(a,h)anthracene	25.48	278	1039089	20.34	ng/ul	99
91) Benzo(g,h,i)perylene	26.13	276	1032312	20.21	ng/ul	100

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

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