Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030915\
Data File : BM000672.D
Acq On : 09 Mar 2015 22:30
Operator : TP/IZ
Sample : SSTD04056
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04056

Quant Time: Mar 10 04:28:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 10 03:10:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	135744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	555224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	315565	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	680633	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	723799	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	674987	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	37268	15.00	ng/uL	0.00
5) Phenol-d5	6.83	99	383787	41.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	229847	41.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	312972	40.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	302532	40.49	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	144000	41.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	157072	40.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	305261	37.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	158309	23.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	817313	38.48	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1139009	39.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	158212	43.88	ng/ul	0.00
57) Fluorene-d10	15.30	176	788140	36.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	143790	39.32	ng/ul	0.00
70) Anthracene-d10	17.16	188	1175312	38.55	ng/ul	0.00
76) Pyrene-d10	19.45	212	1255660	37.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1142871	38.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	45766	15.92	ng/uL	88
4) Benzaldehyde	6.80	77	270620	76.41	ng/ul	99
6) Phenol	6.85	94	400587	42.23	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	312263	41.70	ng/ul	99
10) 2-Chlorophenol	7.22	128	322069	40.34	ng/ul	98
11) 2-Methylphenol	8.10	108	300056	40.22	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	559773	38.42	ng/ul	99
14) Acetophenone	8.47	105	478614	39.22	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	232356	41.42	ng/ul	100
16) 4-Methylphenol	8.43	108	329403	41.95	ng/ul	98
17) Hexachloroethane	8.72	117	128234	36.74	ng/ul	98
20) Nitrobenzene	8.85	77	355441	38.41	ng/ul	98
21) Isophorone	9.37	82	633721	40.86	ng/ul	98
23) 2-Nitrophenol	9.56	139	168882	40.33	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	354011	36.44	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	401374	41.22	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	303460	37.87	ng/ul	98
28) Naphthalene	10.49	128	1048919	37.93	ng/ul	99
30) 4-Chloroaniline	10.60	127	173293	25.32	ng/ul	97
31) Hexachlorobutadiene	10.77	225	180206	29.88	ng/ul	94
32) Caprolactam	11.35	113	83191m	42.64	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	314007	37.84	ng/ul	100
34) 2-Methylnaphthalene	12.11	142	740185	37.76	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	353201	35.17 ng/ul	100
37) Hexachlorocyclopentadiene	12.46	237	203270	32.17 ng/ul	100
38) 2,4,6-Trichlorophenol	12.73	196	214122	40.07 ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	233961	37.78 ng/ul	99
40) 1,1'-Biphenyl	13.13	154	946513	37.87 ng/ul	100
41) 2-Chloronaphthalene	13.17	162	731248	37.90 ng/ul	100
42) 2-Nitroaniline	13.39	65	193783	42.40 ng/ul	97
44) Dimethylphthalate	13.77	163	882186	37.98 ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	173755	42.16 ng/ul	95
47) Acenaphthylene	14.03	152	1219719	39.81 ng/ul	99
48) 3-Nitroaniline	14.22	138	161295	42.81 ng/ul	95
49) Acenaphthene	14.37	153	777162	38.49 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	87698	39.22 ng/ul	90
52) 4-Nitrophenol	14.53	109	115116	28.31 ng/ul	96
53) Dibenzofuran	14.71	168	1092926	37.27 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	253665	42.23 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	193210	39.27 ng/ul	97
56) Diethylphthalate	15.14	149	868260	38.21 ng/ul	99
58) Fluorene	15.36	166	903299	38.15 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	431072	35.38 ng/ul	96
60) 4-Nitroaniline	15.39	138	183380	41.29 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	150891	39.49 ng/ul#	93
64) N-Nitrosodiphenylamine	15.57	169	764663	39.55 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	243507	35.84 ng/ul	97
66) Hexachlorobenzene	16.37	284	268091	35.15 ng/ul	98
67) Atrazine	16.53	200	210845	33.10 ng/ul	98
68) Pentachlorophenol	16.71	266	145442	37.07 ng/ul	98
69) Phenanthrene	17.10	178	1407570	38.64 ng/ul	100
71) Anthracene	17.19	178	1440987	39.11 ng/ul	100
72) Carbazole	17.46	167	1298432	40.85 ng/ul	100
73) Di-n-butylphthalate	18.03	149	1467230	44.16 ng/ul	99
74) Fluoranthene	19.12	202	1578739	39.18 ng/ul	98
77) Pyrene	19.48	202	1670244	37.92 ng/ul	99
78) Butylbenzylphthalate	20.39	149	660712	45.05 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.17	252	490484	40.95 ng/ul	98
80) Benzo(a)anthracene	21.23	228	1555336	38.25 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	988252	46.60 ng/ul#	97
82) Chrysene	21.29	228	1493802	38.48 ng/ul	99
84) Di-n-octyl phthalate	22.03	149	1684822	42.70 ng/ul	100
85) Benzo(b)fluoranthene	22.79	252	1519416	38.70 ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	1475483	38.65 ng/ul	99
88) Benzo(a)pyrene	23.36	252	1455818	38.83 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.67	276	1605849	38.49 ng/ul	99
90) Dibenzo(a,h)anthracene	25.69	278	1372471	39.53 ng/ul	98
91) Benzo(g,h,i)perylene	26.35	276	1348103	38.23 ng/ul	97

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

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