Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061715\
Data File : BM001716.D
Acq On : 17 Jun 2015 10:32
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Quant Time: Jun 18 03:25:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 05:39:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	59055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	236572	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	144718	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	338176	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	419831	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	445965	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	9901	7.99	ng/uL	0.00
5) Phenol-d5	6.83	99	84438	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49578	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	68076	18.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	68207	18.73	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	29752	18.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	33254	18.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	73227	19.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	89002	22.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	203015	18.92	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	269844	19.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	36113	18.24	ng/ul	0.00
57) Fluorene-d10	15.31	176	193584	19.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	36149	17.50	ng/ul	0.00
70) Anthracene-d10	17.16	188	300506	19.08	ng/ul	0.00
78) Pyrene-d10	19.46	212	337855	19.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	371934	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	10190	7.20	ng/uL	97
4) Benzaldehyde	6.81	77	59194	19.96	ng/ul	99
6) Phenol	6.86	94	88790	18.97	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	68035	19.35	ng/ul	98
10) 2-Chlorophenol	7.23	128	71429	19.24	ng/ul	98
11) 2-Methylphenol	8.10	108	65773	18.98	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	84016	19.52	ng/ul	97
14) Acetophenone	8.49	105	112003	19.38	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.47	70	53979	19.12	ng/ul	96
16) 4-Methylphenol	8.43	108	71872	19.09	ng/ul	99
17) Hexachloroethane	8.73	117	28326	19.00	ng/ul	96
20) Nitrobenzene	8.86	77	82280	18.56	ng/ul	98
21) Isophorone	9.38	82	139027	18.77	ng/ul	97
23) 2-Nitrophenol	9.57	139	36640	18.68	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	84937	18.74	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.87	93	86934	18.81	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	70196	18.88	ng/ul	99
28) Naphthalene	10.50	128	226323	18.95	ng/ul	99
30) 4-Chloroaniline	10.62	127	92269	23.31	ng/ul	97
31) Hexachlorobutadiene	10.79	225	55120	19.36	ng/ul	97
32) Caprolactam	11.37	113	19744	17.77	ng/ul	94
33) 4-Chloro-3-methylphenol	11.74	107	76508	19.33	ng/ul	93
34) 2-Methylnaphthalene	12.12	142	167452	19.38	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	102806	19.01 ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	58208	17.81 ng/ul#	98
38) 2,4,6-Trichlorophenol	12.74	196	60391	19.19 ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	66222	19.23 ng/ul	97
40) 1,1'-Biphenyl	13.14	154	224181	18.98 ng/ul	99
41) 2-Chloronaphthalene	13.19	162	176040	19.01 ng/ul	98
42) 2-Nitroaniline	13.40	65	45924	18.71 ng/ul	98
44) Dimethylphthalate	13.78	163	223129	19.02 ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	42321	19.19 ng/ul	98
47) Acenaphthylene	14.04	152	272690	19.01 ng/ul	99
48) 3-Nitroaniline	14.23	138	43010	20.87 ng/ul#	91
49) Acenaphthene	14.38	153	182830	19.07 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	23030	16.85 ng/ul	93
52) 4-Nitrophenol	14.53	109	37026	18.10 ng/ul	96
53) Dibenzofuran	14.72	168	261876	19.08 ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	63398	19.50 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.94	232	56479	18.97 ng/ul	98
56) Diethylphthalate	15.15	149	212856	19.08 ng/ul	98
58) Fluorene	15.37	166	219935	19.25 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	119346	19.38 ng/ul	99
60) 4-Nitroaniline	15.39	138	44597	19.07 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	37767	17.16 ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	184686	18.69 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	71259	18.89 ng/ul	93
66) Hexachlorobenzene	16.37	284	80656	19.04 ng/ul	97
67) Atrazine	16.53	200	72980	18.34 ng/ul	95
68) Pentachlorophenol	16.71	266	45989	17.70 ng/ul	96
69) Phenanthrene	17.10	178	345077	18.82 ng/ul	99
71) Anthracene	17.20	178	357713	19.00 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	98398	18.51 ng/uL	93
73) Pentachlorobenzene	14.63	250	92318	18.42 ng/uL	98
74) Carbazole	17.47	167	315240	19.08 ng/ul	99
75) Di-n-butylphthalate	18.03	149	337211	19.11 ng/ul	100
76) Fluoranthene	19.13	202	417396	19.03 ng/ul	99
79) Pyrene	19.49	202	447963	19.23 ng/ul	98
80) Butylbenzylphthalate	20.40	149	140487	18.49 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.18	252	148310	19.88 ng/ul	100
82) Benzo(a)anthracene	21.24	228	466191	19.01 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	213679	18.70 ng/ul	99
84) Chrysene	21.29	228	439130	18.89 ng/ul	100
86) Di-n-octyl phthalate	22.04	149	379203	17.30 ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	496180	19.11 ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	469825	18.73 ng/ul	100
90) Benzo(a)pyrene	23.38	252	478863	18.96 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	568115	18.97 ng/ul	99
92) Dibenzo(a,h)anthracene	25.73	278	481149	19.05 ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	477550	18.96 ng/ul	100

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

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