Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001469.D
Acq On : 30 May 2015 06:33
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: May 30 07:26:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 30 02:30:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	149684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	664060	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	379092	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	764078	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	714547	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	635530	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.81	96	19736	6.58	ng/uL	0.00
5) Phenol-d5	6.59	99	233453	21.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	137867	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	195849	21.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	201724	21.58	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	94930	21.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	109631	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	215208	21.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	267781	23.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	549211	20.66	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	765540	21.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	100362	18.52	ng/ul	0.01
57) Fluorene-d10	15.07	176	513337	19.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	50290	10.69	ng/ul	0.00
70) Anthracene-d10	16.92	188	729680	20.72	ng/ul	0.00
76) Pyrene-d10	19.23	212	714233	22.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	582137	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.85	88	23325	6.94	ng/uL	94
4) Benzaldehyde	6.53	77	154854	26.82	ng/ul	99
6) Phenol	6.62	94	241972	20.62	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.82	93	188063	20.19	ng/ul	99
10) 2-Chlorophenol	6.95	128	200492	21.27	ng/ul	99
11) 2-Methylphenol	7.85	108	194724	21.32	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	7.93	45	343856	19.90	ng/ul	99
14) Acetophenone	8.21	105	318572	20.86	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.20	70	160128	22.01	ng/ul#	96
16) 4-Methylphenol	8.19	108	209838	20.99	ng/ul	99
17) Hexachloroethane	8.45	117	72240	18.10	ng/ul	95
20) Nitrobenzene	8.59	77	236295	20.50	ng/ul	99
21) Isophorone	9.10	82	424995	21.07	ng/ul	99
23) 2-Nitrophenol	9.29	139	116728	21.35	ng/ul	99
24) 2,4-Dimethylphenol	9.37	107	241180	20.78	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.60	93	267494	20.80	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	207670	21.40	ng/ul	96
28) Naphthalene	10.22	128	679435	19.90	ng/ul	98
30) 4-Chloroaniline	10.34	127	264594	22.25	ng/ul	96
31) Hexachlorobutadiene	10.50	225	126039	19.61	ng/ul	100
32) Caprolactam	11.09	113	63502	19.92	ng/ul	90
33) 4-Chloro-3-methylphenol	11.49	107	215619	20.62	ng/ul	95
34) 2-Methylnaphthalene	11.85	142	495994	20.14	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	246899	21.62	ng/ul	98
37) Hexachlorocyclopentadiene	12.21	237	34493	5.25	ng/ul	95
38) 2,4,6-Trichlorophenol	12.49	196	163145	23.26	ng/ul	97
39) 2,4,5-Trichlorophenol	12.56	196	170634	22.09	ng/ul	100
40) 1,1'-Biphenyl	12.89	154	636411	20.96	ng/ul	99
41) 2-Chloronaphthalene	12.93	162	502682	21.34	ng/ul	98
42) 2-Nitroaniline	13.15	65	148682	22.91	ng/ul	95
44) Dimethylphthalate	13.54	163	600855	20.03	ng/ul	100
45) 2,6-Dinitrotoluene	13.66	165	123512	21.79	ng/ul	96
47) Acenaphthylene	13.79	152	801220	20.82	ng/ul	99
48) 3-Nitroaniline	13.99	138	133306	21.92	ng/ul	98
49) Acenaphthene	14.13	153	524311	20.26	ng/ul	99
50) 2,4-Dinitrophenol	14.21	184	29267	8.11	ng/ul	91
52) 4-Nitrophenol	14.33	109	82028	17.62	ng/ul	98
53) Dibenzofuran	14.47	168	729431	19.68	ng/ul	97
54) 2,4-Dinitrotoluene	14.46	165	172992	19.93	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.72	232	137521	20.40	ng/ul	93
56) Diethylphthalate	14.92	149	614791	19.68	ng/ul	100
58) Fluorene	15.13	166	601191	19.19	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.13	204	299727	19.62	ng/ul	99
60) 4-Nitroaniline	15.16	138	124988	19.29	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.23	198	54352	10.68	ng/ul#	97
64) N-Nitrosodiphenylamine	15.34	169	511265	23.01	ng/ul	99
65) 4-Bromophenyl-phenylether	16.02	248	167270	22.20	ng/ul	97
66) Hexachlorobenzene	16.14	284	180123	21.28	ng/ul	97
67) Atrazine	16.31	200	172212	21.27	ng/ul	99
68) Pentachlorophenol	16.49	266	94602	19.19	ng/ul	95
69) Phenanthrene	16.86	178	871089	20.47	ng/ul	98
71) Anthracene	16.95	178	892263	20.32	ng/ul	99
72) Carbazole	17.23	167	789576	19.35	ng/ul	100
73) Di-n-butylphthalate	17.80	149	1007642	21.36	ng/ul	100
74) Fluoranthene	18.89	202	933862	18.12	ng/ul	99
77) Pyrene	19.26	202	965729	22.61	ng/ul	98
78) Butylbenzylphthalate	20.18	149	419048	24.88	ng/ul	94
79) 3,3'-Dichlorobenzidine	20.96	252	283844	20.73	ng/ul	99
80) Benzo(a)anthracene	21.02	228	868837	20.82	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	20.96	149	622088	23.35	ng/ul	99
82) Chrysene	21.06	228	801759	20.41	ng/ul	99
84) Di-n-octyl phthalate	21.80	149	1012690	21.61	ng/ul	100
85) Benzo(b)fluoranthene	22.50	252	770818	19.81	ng/ul	99
86) Benzo(k)fluoranthene	22.54	252	760517	20.41	ng/ul	99
88) Benzo(a)pyrene	23.03	252	739090	20.25	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	812041	21.14	ng/ul	99
90) Dibenzo(a,h)anthracene	25.18	278	688731	21.35	ng/ul	99
91) Benzo(g,h,i)perylene	25.80	276	681790	21.50	ng/ul	98

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

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