Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005463.D
Acq On : 18 May 2016 10:07
Operator : UM/SJ
Sample : SSTD00538
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 18 11:55:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:53:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	33081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	165327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	112896	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	304918	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	501895	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	603948	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	2006	2.85	ng/uL	0.00
5) Phenol-d5	6.99	99	14561	4.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	9128	5.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	11718	5.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	12569	5.07	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	5972	5.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	6120	4.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	12310	4.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	17879	5.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	47746	5.28	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	54318	5.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	8873	5.37	ng/ul	0.00
57) Fluorene-d10	15.46	176	42992	5.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	6158	3.59	ng/ul	0.00
70) Anthracene-d10	17.30	188	71642	5.32	ng/ul	0.00
76) Pyrene-d10	19.59	212	94512	4.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	132511	4.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	2083	1.62	ng/uL#	76
4) Benzaldehyde	6.99	77	9725	6.69	ng/ul	87
6) Phenol	7.02	94	15783	5.09	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.27	93	12123	5.19	ng/ul	99
10) 2-Chlorophenol	7.40	128	11837	5.11	ng/ul	96
11) 2-Methylphenol	8.27	108	11829	4.94	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.37	45	18824	5.94	ng/ul	96
14) Acetophenone	8.66	105	20672	5.63	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.64	70	11845	6.17	ng/ul	96
16) 4-Methylphenol	8.60	108	13564	5.10	ng/ul	95
17) Hexachloroethane	8.92	117	4623	5.30	ng/ul	98
20) Nitrobenzene	9.03	77	14889	5.04	ng/ul	97
21) Isophorone	9.56	82	29994	5.23	ng/ul	99
23) 2-Nitrophenol	9.75	139	6077	4.22	ng/ul#	85
24) 2,4-Dimethylphenol	9.80	107	15535	5.09	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	18147	5.08	ng/ul	96
27) 2,4-Dichlorophenol	10.27	162	12235	4.81	ng/ul	95
28) Naphthalene	10.68	128	43053	5.18	ng/ul	98
30) 4-Chloroaniline	10.79	127	18288	6.00	ng/ul	98
31) Hexachlorobutadiene	10.96	225	7263	4.80	ng/ul	97
32) Caprolactam	11.53	113	5244	5.53	ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	15816	5.19	ng/ul	93
34) 2-Methylnaphthalene	12.29	142	33719	5.42	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	17366	5.06	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	8514	4.85	ng/ul	94
38) 2,4,6-Trichlorophenol	12.89	196	11508	5.03	ng/ul	88
39) 2,4,5-Trichlorophenol	12.96	196	12498	4.92	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	45880	5.13	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	34952	5.17	ng/ul	97
42) 2-Nitroaniline	13.55	65	10362	4.98	ng/ul	98
44) Dimethylphthalate	13.93	163	48290	5.34	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	8068	4.52	ng/ul	96
47) Acenaphthylene	14.19	152	56384	5.02	ng/ul	98
48) 3-Nitroaniline	14.36	138	8619	4.53	ng/ul	88
49) Acenaphthene	14.53	153	39743	5.37	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	3432	3.35	ng/ul#	90
52) 4-Nitrophenol	14.66	109	8344	6.08	ng/ul	97
53) Dibenzofuran	14.87	168	58746	5.47	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	12040	4.53	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.09	232	11663	5.41	ng/ul#	88
56) Diethylphthalate	15.29	149	50860	5.57	ng/ul	100
58) Fluorene	15.52	166	49191	5.86	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	23910	5.75	ng/ul	97
60) 4-Nitroaniline	15.52	138	11201	5.56	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.58	198	6580	3.65	ng/ul#	89
64) N-Nitrosodiphenylamine	15.72	169	43494	5.21	ng/ul	100
65) 4-Bromophenyl-phenylether	16.40	248	15518	5.31	ng/ul	93
66) Hexachlorobenzene	16.51	284	18160	5.54	ng/ul	98
67) Atrazine	16.67	200	16881	5.54	ng/ul	99
68) Pentachlorophenol	16.86	266	10679	5.86	ng/ul	90
69) Phenanthrene	17.25	178	91122	5.68	ng/ul	99
71) Anthracene	17.34	178	87710	5.49	ng/ul	99
72) Carbazole	17.60	167	86548	6.15	ng/ul	99
73) Di-n-butylphthalate	18.18	149	95191	5.55	ng/ul	100
74) Fluoranthene	19.26	202	117558	6.62	ng/ul	98
77) Pyrene	19.62	202	129559	4.45	ng/ul	99
78) Butylbenzylphthalate	20.53	149	50571	4.18	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	47259	5.24	ng/ul	100
80) Benzo(a)anthracene	21.37	228	150549	5.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	78700	4.69	ng/ul	100
82) Chrysene	21.42	228	141962	5.18	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	142245	4.03	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	172778	4.89	ng/ul	98
86) Benzo(k)fluoranthene	23.02	252	169255	5.09	ng/ul	99
88) Benzo(a)pyrene	23.57	252	171605	5.14	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	235410	6.46	ng/ul	96
90) Dibenzo(a,h)anthracene	25.99	278	199714	6.55	ng/ul	98
91) Benzo(g,h,i)perylene	26.68	276	201211	6.52	ng/ul	99

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

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