Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101217\
Data File : BM012105.D
Acq On : 12 Oct 2017 18:21
Operator : SJ/JU
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16048

Quant Time: Oct 12 19:06:41 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 17:32:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	228417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	882163	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	464406	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	950624	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1001329	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1003701	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	298850	61.88	ng/uL	0.00
5) Phenol-d5	7.01	99	2972657	151.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	1771787	152.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	2591000	164.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	2447598	144.08	ng/ul	0.02
19) Nitrobenzene-d5	9.01	128	1171478	186.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	1393340	196.91	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.27	165	2529556	176.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	2212280	141.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	6310129	156.78	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	8232294	174.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	1032650	146.85	ng/ul	0.02
57) Fluorene-d10	15.49	176	5306690	149.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	1180317	184.53	ng/ul	0.02
70) Anthracene-d10	17.34	188	7741278	165.26	ng/ul	0.01
76) Pyrene-d10	19.63	212	8220409	182.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	8112659	168.02	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	315496	64.292	ng/uL#	67
4) Benzaldehyde	6.98	77	1732214	176.884	ng/ul	90
6) Phenol	7.04	94	3062688	157.494	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.26	93	2320079	158.891	ng/ul	96
10) 2-Chlorophenol	7.40	128	2629311	170.672	ng/ul	97
11) 2-Methylphenol	8.29	108	2265017	153.145	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	2853489	152.807	ng/ul#	88
14) Acetophenone	8.67	105	3756243	151.107	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.68	70	1952322	153.472	ng/ul#	68
16) 4-Methylphenol	8.63	108	2406586	145.370	ng/ul	95
17) Hexachloroethane	8.91	117	1105762	178.892	ng/ul	82
20) Nitrobenzene	9.06	77	2826002	186.201	ng/ul	93
21) Isophorone	9.59	82	4911364	173.537	ng/ul#	93
23) 2-Nitrophenol	9.76	139	1477488	198.670	ng/ul#	76
24) 2,4-Dimethylphenol	9.82	107	2765688	173.395	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.06	93	2987963	171.934	ng/ul	96
27) 2,4-Dichlorophenol	10.30	162	2462917	178.489	ng/ul#	91
28) Naphthalene	10.69	128	7461809	168.619	ng/ul	99
30) 4-Chloroaniline	10.81	127	2202774	143.873	ng/ul	95
31) Hexachlorobutadiene	10.96	225	1890681	186.756	ng/ul	94
32) Caprolactam	11.65	113	383694	84.812	ng/ul#	43
33) 4-Chloro-3-methylphenol	11.95	107	2363506	157.580	ng/ul	94
34) 2-Methylnaphthalene	12.31	142	5444468	161.347	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	3085929	195.881 ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	1783143	194.468 ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	1980906	197.968 ng/ul	96
39) 2,4,5-Trichlorophenol	13.00	196	2020319	191.835 ng/ul	98
40) 1,1'-Biphenyl	13.32	154	6760940	182.089 ng/ul	98
41) 2-Chloronaphthalene	13.37	162	5293296	182.187 ng/ul	98
42) 2-Nitroaniline	13.58	65	1467872	199.022 ng/ul	91
44) Dimethylphthalate	13.95	163	6274233	162.034 ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	1364201	186.859 ng/ul	90
47) Acenaphthylene	14.22	152	7961316	173.597 ng/ul	99
48) 3-Nitroaniline	14.41	138	992233	146.307 ng/ul	86
49) Acenaphthene	14.56	153	5383296	169.636 ng/ul	100
50) 2,4-Dinitrophenol	14.63	184	878522	182.082 ng/ul	99
52) 4-Nitrophenol	14.73	109	904048	160.863 ng/ul#	78
53) Dibenzofuran	14.89	168	7529720	163.484 ng/ul	100
54) 2,4-Dinitrotoluene	14.87	165	1896977	175.736 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.12	232	1732852	168.488 ng/ul	94
56) Diethylphthalate	15.31	149	6279302	159.769 ng/ul	96
58) Fluorene	15.54	166	6262979	162.834 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.53	204	3419999	168.128 ng/ul	98
60) 4-Nitroaniline	15.58	138	1096680	138.818 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.64	198	1235676	189.080 ng/ul#	90
64) N-Nitrosodiphenylamine	15.75	169	5176544	188.504 ng/ul	100
65) 4-Bromophenyl-phenylether	16.42	248	2079796	195.316 ng/ul	97
66) Hexachlorobenzene	16.55	284	2185637	183.588 ng/ul#	92
67) Atrazine	16.70	200	2001304	184.081 ng/ul	93
68) Pentachlorophenol	16.89	266	1266268	169.078 ng/ul	97
69) Phenanthrene	17.28	178	8831526	168.893 ng/ul	98
71) Anthracene	17.37	178	9181036	172.556 ng/ul	97
72) Carbazole	17.64	167	7612472	165.172 ng/ul	98
73) Di-n-butylphthalate	18.19	149	9932659	179.857 ng/ul	97
74) Fluoranthene	19.29	202	10149259	159.078 ng/ul#	88
77) Pyrene	19.66	202	10446907	188.161 ng/ul#	86
78) Butylbenzylphthalate	20.54	149	4551789	209.286 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.33	252	3019190	161.963 ng/ul#	96
80) Benzo(a)anthracene	21.40	228	10129527	176.584 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.30	149	6586913	203.579 ng/ul	98
82) Chrysene	21.45	228	9152361	167.922 ng/ul	95
84) Di-n-octyl phthalate	22.20	149	10889039	185.698 ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	10703344	175.441 ng/ul#	98
86) Benzo(k)fluoranthene	23.08	252	9984120	163.922 ng/ul#	95
88) Benzo(a)pyrene	23.64	252	10334712	176.294 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.14	276	12476103	198.878 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.14	278	10586499	205.378 ng/ul#	95
91) Benzo(g,h,i)perylene	26.86	276	10121859	195.057 ng/ul#	94

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

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