Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012082.D
Acq On : 11 Oct 2017 23:22
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: Oct 12 01:24:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 01:21:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	250238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	994149	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	533810	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1109935	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1195463	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1328197	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	43723	8.26	ng/uL	0.00
5) Phenol-d5	7.00	99	396180	18.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	247590	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	353433	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	327210	17.58	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	158499	22.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	183183	22.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	336027	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	402195	22.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	916595	19.81	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1153382	21.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	130802	16.18	ng/ul	0.00
57) Fluorene-d10	15.48	176	775680	19.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	103463	13.85	ng/ul	0.00
70) Anthracene-d10	17.33	188	1127603	20.62	ng/ul	0.00
76) Pyrene-d10	19.62	212	1202506	22.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1305530	20.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	44474	8.273	ng/uL#	74
4) Benzaldehyde	6.98	77	234674	21.874	ng/ul	91
6) Phenol	7.03	94	395328	18.556	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.26	93	313171	19.577	ng/ul	97
10) 2-Chlorophenol	7.40	128	339519	20.117	ng/ul	97
11) 2-Methylphenol	8.28	108	296018	18.269	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.37	45	392995	19.210	ng/ul#	86
14) Acetophenone	8.67	105	485913	17.843	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.65	70	251502	18.047	ng/ul#	72
16) 4-Methylphenol	8.61	108	320574	17.676	ng/ul	88
17) Hexachloroethane	8.92	117	144092	21.279	ng/ul#	77
20) Nitrobenzene	9.05	77	379805	22.206	ng/ul	92
21) Isophorone	9.57	82	652466	20.457	ng/ul#	93
23) 2-Nitrophenol	9.76	139	183600	21.907	ng/ul#	77
24) 2,4-Dimethylphenol	9.82	107	366826	20.408	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.05	93	401519	20.502	ng/ul	95
27) 2,4-Dichlorophenol	10.29	162	321968	20.705	ng/ul#	91
28) Naphthalene	10.69	128	1015191	20.357	ng/ul	99
30) 4-Chloroaniline	10.81	127	381325	22.100	ng/ul	94
31) Hexachlorobutadiene	10.97	225	246541	21.609	ng/ul	95
32) Caprolactam	11.59	113	81030	15.893	ng/ul#	49
33) 4-Chloro-3-methylphenol	11.93	107	314163	18.586	ng/ul	96
34) 2-Methylnaphthalene	12.30	142	724111	19.042	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	403988	22.309	ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	95139	9.027	ng/ul	96
38) 2,4,6-Trichlorophenol	12.92	196	256810	22.328	ng/ul	99
39) 2,4,5-Trichlorophenol	12.99	196	261286	21.584	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	918364	21.518	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	727866	21.795	ng/ul	98
42) 2-Nitroaniline	13.57	65	183196	21.609	ng/ul	89
44) Dimethylphthalate	13.94	163	877902	19.724	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	174481	20.792	ng/ul#	92
47) Acenaphthylene	14.21	152	1115909	21.169	ng/ul	99
48) 3-Nitroaniline	14.40	138	155360	19.930	ng/ul	88
49) Acenaphthene	14.55	153	740703	20.306	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	51484	9.283	ng/ul	94
52) 4-Nitrophenol	14.71	109	107298	16.610	ng/ul	80
53) Dibenzofuran	14.89	168	1048690	19.809	ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	239222	19.280	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.12	232	221837	18.765	ng/ul	90
56) Diethylphthalate	15.30	149	855604	18.939	ng/ul	96
58) Fluorene	15.53	166	844707	19.107	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	439845	18.812	ng/ul	96
60) 4-Nitroaniline	15.56	138	161637	17.800	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.63	198	105672	13.849	ng/ul	92
64) N-Nitrosodiphenylamine	15.74	169	708193	22.087	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	264498	21.274	ng/ul	95
66) Hexachlorobenzene	16.54	284	290878	20.926	ng/ul#	89
67) Atrazine	16.69	200	259172	20.417	ng/ul	96
68) Pentachlorophenol	16.89	266	162463	18.579	ng/ul	97
69) Phenanthrene	17.27	178	1221068	20.000	ng/ul	99
71) Anthracene	17.37	178	1269339	20.433	ng/ul	99
72) Carbazole	17.64	167	1046676	19.451	ng/ul	99
73) Di-n-butylphthalate	18.19	149	1361866	21.121	ng/ul	98
74) Fluoranthene	19.29	202	1432545	19.231	ng/ul#	91
77) Pyrene	19.65	202	1489124	22.465	ng/ul#	88
78) Butylbenzylphthalate	20.54	149	627926	24.183	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.33	252	466247	20.950	ng/ul#	94
80) Benzo(a)anthracene	21.39	228	1478797	21.593	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	924844	23.942	ng/ul#	97
82) Chrysene	21.44	228	1357042	20.855	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1631238	21.022	ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	1560716	19.332	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	1622089	20.125	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	1576736	20.325	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1920100	23.130	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.10	278	1586332	23.256	ng/ul#	95
91) Benzo(g,h,i)perylene	26.82	276	1610189	23.449	ng/ul#	94

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

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