Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_G\Data\BG012218\
Data File : BG032209.D
Acq On : 22 Jan 2018 12:54
Operator : SJ/JU
Sample : SSTD08078
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08078

Quant Time: Jan 22 13:47:20 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	45025	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	187072	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	125906	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.10	188	293652	20.00	ng/ul	0.00
77) Chrysene-d12	22.44	240	360815	20.00	ng/ul	0.00
85) Perylene-d12	26.13	264	393527	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	22086	31.79	ng/uL	0.00
5) Phenol-d5	7.84	99	242610	71.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.02	67	110867	65.19	ng/ul	0.00
9) 2-Chlorophenol-d4	8.24	132	221789	77.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.44	113	218607	72.01	ng/ul	0.00
19) Nitrobenzene-d5	9.93	128	105424	80.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	134100	80.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.22	165	279332	85.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	183701	55.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.75	166	776222	68.12	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	944656	76.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.53	143	114130	66.67	ng/ul	0.01
57) Fluorene-d10	16.35	176	714015	68.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.45	200	160489	76.74	ng/ul	0.00
70) Anthracene-d10	18.20	188	1030171	73.26	ng/ul	0.00
78) Pyrene-d10	20.43	212	1225880	76.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.88	264	1373932	75.90	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	21260	28.542	ng/uL#	87
4) Benzaldehyde	7.83	77	103326	61.396	ng/ul	82
6) Phenol	7.87	94	234963	71.234	ng/ul#	91
8) Bis(2-Chloroethyl)ether	8.11	93	162369	69.544	ng/ul	94
10) 2-Chlorophenol	8.28	128	210552	79.722	ng/ul#	87
11) 2-Methylphenol	9.17	108	187128	72.763	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	9.27	45	162188	52.917	ng/ul#	90
14) Acetophenone	9.58	105	296057	67.121	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.56	70	137799	66.552	ng/ul#	90
16) 4-Methylphenol	9.51	108	202453	70.954	ng/ul	95
17) Hexachloroethane	9.85	117	81664	77.291	ng/ul#	73
20) Nitrobenzene	9.98	77	212190	75.569	ng/ul#	83
21) Isophorone	10.50	82	383533	71.478	ng/ul#	87
23) 2-Nitrophenol	10.70	139	130743	81.476	ng/ul#	88
24) 2,4-Dimethylphenol	10.73	107	249160	77.627	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.98	93	235749	75.634	ng/ul#	98
27) 2,4-Dichlorophenol	11.24	162	257916	82.578	ng/ul	97
28) Naphthalene	11.66	128	646815	76.604	ng/ul	99
30) 4-Chloroaniline	11.76	127	184011	58.487	ng/ul	98
31) Hexachlorobutadiene	11.93	225	228038	84.390	ng/ul	98
32) Caprolactam	12.52	113	64050	63.895	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.84	107	231304	76.006	ng/ul	89
34) 2-Methylnaphthalene	13.23	142	538236	73.863	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	414962	85.549	ng/ul#	97
37) Hexachlorocyclopentadiene	13.55	237	220093	77.386	ng/ul	97
38) 2,4,6-Trichlorophenol	13.81	196	255847	88.371	ng/ul	97
39) 2,4,5-Trichlorophenol	13.88	196	260410	84.664	ng/ul	98
40) 1,1'-Biphenyl	14.21	154	724534	79.173	ng/ul#	98
41) 2-Chloronaphthalene	14.26	162	588344	79.714	ng/ul	98
42) 2-Nitroaniline	14.45	65	126828	72.911	ng/ul	88
44) Dimethylphthalate	14.80	163	732688	70.187	ng/ul	99
45) 2,6-Dinitrotoluene	14.93	165	164408	78.457	ng/ul#	84
47) Acenaphthylene	15.10	152	814609	69.729	ng/ul	98
48) 3-Nitroaniline	15.26	138	111772	64.180	ng/ul#	85
49) Acenaphthene	15.43	153	603303	75.414	ng/ul	97
50) 2,4-Dinitrophenol	15.46	184	98694	73.785	ng/ul#	76
52) 4-Nitrophenol	15.55	109	101919	73.212	ng/ul	92
53) Dibenzofuran	15.76	168	879924	72.343	ng/ul	97
54) 2,4-Dinitrotoluene	15.71	165	230950	73.796	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.98	232	260256	79.455	ng/ul#	94
56) Diethylphthalate	16.15	149	701993	64.055	ng/ul	98
58) Fluorene	16.40	166	697837	66.129	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.38	204	445564	70.687	ng/ul	99
60) 4-Nitroaniline	16.42	138	120367	58.192	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.46	198	163005	81.359	ng/ul	94
64) N-Nitrosodiphenylamine	16.59	169	627777	84.691	ng/ul	98
65) 4-Bromophenyl-phenylether	17.27	248	326017	86.341	ng/ul	93
66) Hexachlorobenzene	17.40	284	328829	76.578	ng/ul	97
67) Atrazine	17.52	200	292490	82.705	ng/ul	95
68) Pentachlorophenol	17.74	266	194857	86.918	ng/ul	95
69) Phenanthrene	18.14	178	1132520	77.572	ng/ul	98
71) Anthracene	18.24	178	1145383	75.347	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	426561	104.148	ng/uL	98
73) Pentachlorobenzene	15.68	250	440189	72.321	ng/uL	96
74) Carbazole	18.50	167	952019	76.477	ng/ul	98
75) Di-n-butylphthalate	19.00	149	1099469	79.546	ng/ul	99
76) Fluoranthene	20.11	202	1440969	77.226	ng/ul#	93
79) Pyrene	20.47	202	1435144	76.632	ng/ul#	92
80) Butylbenzylphthalate	21.32	149	517537	92.994	ng/ul#	87
81) 3,3'-Dichlorobenzidine	22.30	252	451053	68.331	ng/ul#	99
82) Benzo(a)anthracene	22.41	228	1591931	83.060	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	22.26	149	739236	90.797	ng/ul#	93
84) Chrysene	22.49	228	1448555	82.623	ng/ul	96
86) Di-n-octyl phthalate	23.63	149	1267750	81.732	ng/ul	100
87) Benzo(b)fluoranthene	24.94	252	1727341	78.843	ng/ul#	97
88) Benzo(k)fluoranthene	25.02	252	1653863	77.434	ng/ul#	95
90) Benzo(a)pyrene	25.96	252	1659114	78.703	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	30.41	276	1987291	77.681	ng/ul#	95
92) Dibenzo(a,h)anthracene	30.49	278	1649636	75.180	ng/ul#	96
93) Benzo(g,h,i)perylene	31.76	276	1597644	75.329	ng/ul#	97

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

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