Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082118\
Data File : BG036329.D
Acq On : 21 Aug 2018 18:44
Operator : JU/SJ
Sample : SSTD16017
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16017

Quant Time: Aug 21 19:18:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 17:19:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	53339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	229382	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	136004	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	323716	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	320871	20.00	ng/ul	0.01
86) Perylene-d12	24.96	264	327306	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	79234	55.32	ng/uL	0.00
5) Phenol-d5	7.24	99	749994	136.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	498293	133.11	ng/ul	0.01
9) 2-Chlorophenol-d4	7.61	132	545240	179.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	564830	141.52	ng/ul	0.02
19) Nitrobenzene-d5	9.25	128	252875	185.27	ng/ul	0.02
22) 2-Nitrophenol-d4	9.97	143	276730	207.77	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.51	165	571040	139.06	ng/ul	0.02
29) 4-Chloroaniline-d4	11.02	131	541824	136.05	ng/ul	0.01
44) Dimethylphthalate-d6	14.12	166	1526439	131.92	ng/ul	0.02
47) Acenaphthylene-d8	14.40	160	1816358	130.13	ng/ul	0.01
52) 4-Nitrophenol-d4	14.90	143	297362	207.87	ng/ul	0.04
58) Fluorene-d10	15.70	176	1338608	126.64	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.82	200	248253	232.51	ng/ul	0.03
71) Anthracene-d10	17.55	188	1974200	131.75	ng/ul	0.01
79) Pyrene-d10	19.83	212	2168888	131.44	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.75	264	2606240	148.15	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	84291	47.830	ng/uL#	22
4) Benzaldehyde	7.21	77	327488	73.732	ng/ul	99
6) Phenol	7.27	94	741407	133.732	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.51	93	537578	131.987	ng/ul#	81
10) 2-Chlorophenol	7.65	128	529070	173.863	ng/ul#	88
11) 2-Methylphenol	8.52	108	571876	142.071	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.61	45	1165536	230.613	ng/ul#	88
14) Acetophenone	8.91	105	836072	125.563	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.92	70	478512	109.441	ng/ul#	77
16) 4-Methylphenol	8.86	108	590484	142.375	ng/ul	95
17) Hexachloroethane	9.17	117	213125	142.377	ng/ul	96
20) Nitrobenzene	9.29	77	665352	126.115	ng/ul	96
21) Isophorone	9.83	82	1323477	103.350	ng/ul	99
23) 2-Nitrophenol	10.00	139	284266	194.713	ng/ul	92
24) 2,4-Dimethylphenol	10.06	107	662247	113.932	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.30	93	735333	120.774	ng/ul	96
27) 2,4-Dichlorophenol	10.53	162	526589	146.507	ng/ul	95
28) Naphthalene	10.94	128	1586969	137.179	ng/ul#	94
30) 4-Chloroaniline	11.04	127	526644	132.716	ng/ul	95
31) Hexachlorobutadiene	11.23	225	383648	109.128	ng/ul	97
32) Caprolactam	11.85	113	125548	79.745	ng/ul#	55
33) 4-Chloro-3-methylphenol	12.17	107	614434	122.697	ng/ul	98
34) 2-Methylnaphthalene	12.54	142	1178872	133.324	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	1146056	133.607 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	695987	126.437 ng/ul#	96
38) Hexachlorocyclopentadiene	12.89	237	475040	160.182 ng/ul	96
39) 2,4,6-Trichlorophenol	13.14	196	448010	155.238 ng/ul	99
40) 2,4,5-Trichlorophenol	13.21	196	472905	147.022 ng/ul	99
41) 1,1'-Biphenyl	13.55	154	1421758	140.720 ng/ul#	91
42) 2-Chloronaphthalene	13.59	162	1148730	144.659 ng/ul	92
43) 2-Nitroaniline	13.79	65	434493	183.318 ng/ul	84
45) Dimethylphthalate	14.17	163	1438291	126.498 ng/ul	96
46) 2,6-Dinitrotoluene	14.29	165	306814	199.139 ng/ul#	87
48) Acenaphthylene	14.43	152	1668544	137.439 ng/ul#	91
49) 3-Nitroaniline	14.61	138	256236	174.378 ng/ul#	87
50) Acenaphthene	14.77	153	1274370	146.358 ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	165560	195.030 ng/ul#	82
53) 4-Nitrophenol	14.92	109	270137	128.665 ng/ul	87
54) Dibenzofuran	15.11	168	1669416	133.943 ng/ul	90
55) 2,4-Dinitrotoluene	15.07	165	417600	199.583 ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.33	232	453012	175.529 ng/ul#	88
57) Diethylphthalate	15.54	149	1474344	131.272 ng/ul	96
59) Fluorene	15.76	166	1345505	124.558 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.75	204	794185	121.440 ng/ul	92
61) 4-Nitroaniline	15.79	138	327592	162.541 ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.84	198	253819	220.651 ng/ul	96
65) N-Nitrosodiphenylamine	15.96	169	1246158	146.841 ng/ul	92
66) 4-Bromophenyl-phenylether	16.64	248	541701	144.461 ng/ul	96
67) Hexachlorobenzene	16.75	284	545601	137.948 ng/ul#	90
68) Atrazine	16.92	200	544745	146.561 ng/ul	97
69) Pentachlorophenol	17.09	266	372679	189.350 ng/ul	96
70) Phenanthrene	17.49	178	2136565	132.105 ng/ul#	87
72) Anthracene	17.59	178	2076032	128.063 ng/ul#	88
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	770114	149.898 ng/uL	99
74) Pentachlorobenzene	15.03	250	660838	146.504 ng/uL	98
75) Carbazole	17.85	167	1904435	143.970 ng/ul#	85
76) Di-n-butylphthalate	18.42	149	2174364	142.274 ng/ul#	90
77) Fluoranthene	19.50	202	2460175	117.041 ng/ul#	87
80) Pyrene	19.86	202	2282294	113.521 ng/ul#	82
81) Butylbenzylphthalate	20.75	149	1116525	185.892 ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.62	252	828679	122.930 ng/ul	99
83) Benzo(a)anthracene	21.71	228	2553539	124.892 ng/ul#	84
84) Bis(2-ethylhexyl)phthalate	21.63	149	1489932	177.998 ng/ul#	93
85) Chrysene	21.77	228	2365876	124.222 ng/ul#	83
87) Di-n-octyl phthalate	22.86	149	2510143	166.812 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	2793741	134.829 ng/ul#	93
89) Benzo(k)fluoranthene	24.02	252	2535844	128.389 ng/ul#	90
91) Benzo(a)pyrene	24.83	252	2555860	131.708 ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.66	276	2912114	130.997 ng/ul	96
93) Dibenzo(a,h)anthracene	28.75	278	2595721	141.628 ng/ul	95
94) Benzo(g,h,i)perylene	29.83	276	2771515	150.646 ng/ul#	96

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

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