Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100919\
Data File : BG043103.D
Acq On : 9 Oct 2019 14:38
Operator : JU
Sample : SSTD16030
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16030

Quant Time: Oct 09 15:23:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 13:10:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	182565	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	139437	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	336509	20.00	ng/ul	0.00
77) Chrysene-d12	21.70	240	360544	20.00	ng/ul	0.02
85) Perylene-d12	24.92	264	417662	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	53677	53.75	ng/uL	0.00
5) Phenol-d5	7.24	99	562641	164.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	289043	150.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	448063	152.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	471655	163.84	ng/ul	0.02
19) Nitrobenzene-d5	9.22	128	231798	168.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	276408	173.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	569967	176.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	534740	149.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	1678342	155.20	ng/ul	0.02
46) Acenaphthylene-d8	14.38	160	1871409	151.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.92	143	300708	165.60	ng/ul	0.03
57) Fluorene-d10	15.67	176	1475589	153.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	396159	183.49	ng/ul	0.02
70) Anthracene-d10	17.42	188	336509	20.84	ng/ul	-0.10
78) Pyrene-d10	19.82	212	2542520	126.37	ng/ul	0.02
89) Benzo(a)pyrene-d12	24.72	264	3252985	149.09	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	56752	54.855	ng/uL#	82
4) Benzaldehyde	7.20	77	355870	219.657	ng/ul	97
6) Phenol	7.26	94	566680	160.108	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.48	93	395153	146.753	ng/ul	97
10) 2-Chlorophenol	7.63	128	456908	153.760	ng/ul	98
11) 2-Methylphenol	8.51	108	457470	161.211	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.58	45	572551	125.705	ng/ul	98
14) Acetophenone	8.89	105	714494	161.374	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.89	70	375092	160.369	ng/ul	97
16) 4-Methylphenol	8.85	108	488465	159.337	ng/ul	89
17) Hexachloroethane	9.14	117	185843	151.031	ng/ul	98
20) Nitrobenzene	9.27	77	549996	175.713	ng/ul	95
21) Isophorone	9.80	82	1101296	176.469	ng/ul	96
23) 2-Nitrophenol	9.98	139	291234	170.837	ng/ul	91
24) 2,4-Dimethylphenol	10.04	107	595911	177.170	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.27	93	589199	159.019	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	531349	166.343	ng/ul	97
28) Naphthalene	10.91	128	1444805	154.801	ng/ul	98
30) 4-Chloroaniline	11.03	127	530411	147.657	ng/ul	93
31) Hexachlorobutadiene	11.20	225	408084	168.268	ng/ul	99
32) Caprolactam	11.95	113	23371	22.614	ng/ul	87
33) 4-Chloro-3-methylphenol	12.16	107	566223	179.910	ng/ul	95
34) 2-Methylnaphthalene	12.51	142	1143030	154.082	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	774690	155.390	ng/ul	97
37) Hexachlorocyclopentadiene	12.87	237	556275	176.732	ng/ul	92
38) 2,4,6-Trichlorophenol	13.12	196	514381	166.719	ng/ul	94
39) 2,4,5-Trichlorophenol	13.21	196	557658	162.042	ng/ul	99
40) 1,1'-Biphenyl	13.52	154	1524723	150.383	ng/ul#	91
41) 2-Chloronaphthalene	13.56	162	1222901	149.791	ng/ul	98
42) 2-Nitroaniline	13.77	65	402349	188.393	ng/ul	87
44) Dimethylphthalate	14.19	163	2804	0.261	ng/ul	96
45) 2,6-Dinitrotoluene	14.26	165	395985	169.544	ng/ul	99
47) Acenaphthylene	14.41	152	1818875	145.880	ng/ul#	90
48) 3-Nitroaniline	14.60	138	313913	168.535	ng/ul	95
49) Acenaphthene	14.75	153	1354365	155.350	ng/ul	98
50) 2,4-Dinitrophenol	14.80	184	275285	215.406	ng/ul	97
52) 4-Nitrophenol	14.93	109	295558	219.650	ng/ul	90
53) Dibenzofuran	15.09	168	1867366	143.518	ng/ul	94
54) 2,4-Dinitrotoluene	15.05	165	563256	165.866	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.32	232	577037	176.926	ng/ul	96
56) Diethylphthalate	15.50	149	1641033	153.636	ng/ul	96
58) Fluorene	15.73	166	1588639	151.586	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.72	204	947706	155.729	ng/ul	96
60) 4-Nitroaniline	15.78	138	401577	193.520	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.82	198	406017	174.557	ng/ul#	98
64) N-Nitrosodiphenylamine	15.94	169	1454282	145.667	ng/ul	92
65) 4-Bromophenyl-phenylether	16.61	248	712182	159.863	ng/ul	98
66) Hexachlorobenzene	16.74	284	767111	171.446	ng/ul	98
67) Atrazine	16.89	200	643941	153.902	ng/ul	92
68) Pentachlorophenol	17.08	266	480200	197.047	ng/ul	99
69) Phenanthrene	17.47	178	2453969	133.206	ng/ul#	89
71) Anthracene	17.57	178	2443201	130.760	ng/ul#	88
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	798540	148.912	ng/uL	97
73) Pentachlorobenzene	15.00	250	847251	156.262	ng/uL	96
74) Carbazole	17.84	167	2299982	148.603	ng/ul#	90
75) Di-n-butylphthalate	18.38	149	2509860	131.573	ng/ul#	92
76) Fluoranthene	19.48	202	2947795	138.488	ng/ul#	92
79) Pyrene	19.85	202	2823837	116.436	ng/ul#	90
80) Butylbenzylphthalate	20.72	149	1290197	135.158	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.60	252	1358444	165.772	ng/ul	92
82) Benzo(a)anthracene	21.93	228	5777	0.231	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	1811705	139.098	ng/ul#	91
84) Chrysene	21.93	228	5777	0.248	ng/ul	93
86) Di-n-octyl phthalate	22.79	149	2956812	143.087	ng/ul	100
87) Benzo(b)fluoranthene	23.91	252	3703955	141.316	ng/ul#	89
88) Benzo(k)fluoranthene	23.98	252	3436203	136.351	ng/ul#	92
90) Benzo(a)pyrene	24.80	252	3556781	142.405	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	28.63	276	4704384	161.485	ng/ul	95
92) Dibenzo(a,h)anthracene	28.69	278	3860388	162.456	ng/ul#	93
93) Benzo(g,h,i)perylene	29.79	276	3899342	160.320	ng/ul	97

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

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