Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072320\
Data File : BG046053.D
Acq On : 23 Jul 2020 15:27
Operator : CG/JU
Sample : SSTD16030
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16030

Quant Time: Jul 23 16:02:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 14:08:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	169170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	737539	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	465053	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	1002886	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	926167	20.00	ng/ul	0.02
86) Perylene-d12	24.73	264	1010701	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	151044	43.69	ng/uL	0.00
5) Phenol-d5	7.16	99	2000289	143.09	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.31	67	1236894	139.33	ng/ul	0.01
9) 2-Chlorophenol-d4	7.52	132	1613838	147.08	ng/ul	0.02
13) 4-Methylphenol-d8	8.70	113	1728108	147.62	ng/ul	0.03
19) Nitrobenzene-d5	9.14	128	846925	162.20	ng/ul	0.03
22) 2-Nitrophenol-d4	9.86	143	980879	184.33	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.41	165	1761787	147.13	ng/ul	0.03
29) 4-Chloroaniline-d4	10.91	131	2027116	147.59	ng/ul	0.03
44) Dimethylphthalate-d6	14.03	166	3947278	105.80	ng/ul	0.03
47) Acenaphthylene-d8	14.30	160	4478143	101.35	ng/ul	0.02
52) 4-Nitrophenol-d4	14.84	143	937062	150.87	ng/ul	0.06
58) Fluorene-d10	15.60	176	3476378	103.58	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.74	200	949034	194.56	ng/ul	0.05
71) Anthracene-d10	17.34	188	1002886	21.39	ng/ul	-0.09
79) Pyrene-d10	19.73	212	4922364	95.46	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.54	264	6962847	123.43	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	178819	41.002	ng/uL	91
4) Benzaldehyde	7.11	77	1567075	151.778	ng/ul	97
6) Phenol	7.19	94	1972085	136.520	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.41	93	1594827	134.589	ng/ul	92
10) 2-Chlorophenol	7.55	128	1550013	138.964	ng/ul#	87
11) 2-Methylphenol	8.42	108	1659934	145.360	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.51	45	2644747	121.219	ng/ul#	92
14) Acetophenone	8.81	105	2344051	134.223	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.70	70	46218	4.679	ng/ul#	1
16) 4-Methylphenol	8.79	108	1798579	145.564	ng/ul	91
17) Hexachloroethane	9.06	117	657196	137.610	ng/ul	98
20) Nitrobenzene	9.19	77	1888004	132.958	ng/ul#	94
21) Isophorone	9.74	82	3535763	124.704	ng/ul	96
23) 2-Nitrophenol	9.90	139	983502	163.447	ng/ul	93
24) 2,4-Dimethylphenol	9.96	107	1836049	134.974	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.19	93	2146074	126.507	ng/ul#	90
27) 2,4-Dichlorophenol	10.44	162	1625189	137.545	ng/ul#	90
28) Naphthalene	10.83	128	4042196	102.854	ng/ul#	81
30) 4-Chloroaniline	10.94	127	1858670	138.200	ng/ul	96
31) Hexachlorobutadiene	11.12	225	1229777	141.210	ng/ul	92
32) Caprolactam	11.78	113	391772	92.430	ng/ul	96
33) 4-Chloro-3-methylphenol	12.08	107	1715892	134.196	ng/ul	97
34) 2-Methylnaphthalene	12.43	142	3198532	108.175	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	3167826	108.078 ng/uL#	98
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	2040509	129.260 ng/ul#	95
38) Hexachlorocyclopentadiene	12.79	237	1477221	166.532 ng/ul	96
39) 2,4,6-Trichlorophenol	13.04	196	1475842	156.370 ng/ul	97
40) 2,4,5-Trichlorophenol	13.12	196	1563912	152.340 ng/ul	95
41) 1,1'-Biphenyl	13.45	154	3529539	97.408 ng/ul#	66
42) 2-Chloronaphthalene	13.49	162	3189765	109.237 ng/ul#	75
43) 2-Nitroaniline	13.69	65	1204120	156.037 ng/ul	94
45) Dimethylphthalate	14.07	163	3696716	97.598 ng/ul#	86
46) 2,6-Dinitrotoluene	14.20	165	1110385	153.888 ng/ul	98
48) Acenaphthylene	14.33	152	4012835	89.546 ng/ul#	65
49) 3-Nitroaniline	14.52	138	1013097	147.940 ng/ul	100
50) Acenaphthene	14.67	153	3437640	105.420 ng/ul#	91
51) 2,4-Dinitrophenol	14.72	184	703853	232.158 ng/ul#	92
53) 4-Nitrophenol	14.86	109	682376	140.323 ng/ul	91
54) Dibenzofuran	15.01	168	3976305	90.871 ng/ul#	59
55) 2,4-Dinitrotoluene	14.98	165	1471326	143.883 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.24	232	1424220	147.432 ng/ul	96
57) Diethylphthalate	15.44	149	3652627	95.958 ng/ul#	75
59) Fluorene	15.66	166	3454760	92.950 ng/ul#	90
60) 4-Chlorophenyl-phenylether	15.65	204	2082303	108.018 ng/ul#	86
61) 4-Nitroaniline	15.60	138	3337	0.425 ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.75	198	970649	182.450 ng/ul#	92
65) N-Nitrosodiphenylamine	15.87	169	3188757	109.134 ng/ul#	80
66) 4-Bromophenyl-phenylether	16.54	248	1630047	134.975 ng/ul	93
67) Hexachlorobenzene	16.66	284	1794828	133.636 ng/ul#	88
68) Atrazine	16.83	200	1571362	134.334 ng/ul	96
69) Pentachlorophenol	17.00	266	1237154	169.664 ng/ul	98
70) Phenanthrene	17.39	178	4778635	84.761 ng/ul#	59
72) Anthracene	17.49	178	4446965	78.390 ng/ul#	54
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	2115684	144.583 ng/uL	96
74) Pentachlorobenzene	14.93	250	2015583	137.871 ng/uL	88
75) Carbazole	17.75	167	4584597	98.993 ng/ul#	65
76) Di-n-butylphthalate	18.32	149	4483394	77.506 ng/ul#	67
77) Fluoranthene	19.40	202	5178649	82.511 ng/ul#	65
80) Pyrene	19.77	202	4736742	72.051 ng/ul#	55
81) Butylbenzylphthalate	20.65	149	2698015	111.323 ng/ul#	80
82) 3,3'-Dichlorobenzidine	21.50	252	2454793	119.577 ng/ul#	89
83) Benzo(a)anthracene	21.58	228	5667013	88.370 ng/ul#	52
84) Bis(2-ethylhexyl)phthalate	21.51	149	3287463	94.321 ng/ul#	71
85) Chrysene	21.65	228	5302909	85.512 ng/ul#	51
87) Di-n-octyl phthalate	22.70	149	5459102	94.596 ng/ul	100
88) Benzo(b)fluoranthene	23.76	252	8007506	114.666 ng/ul#	77
89) Benzo(k)fluoranthene	23.83	252	6066209	87.652 ng/ul#	71
91) Benzo(a)pyrene	24.63	252	6742713	105.206 ng/ul#	76
92) Indeno(1,2,3-cd)pyrene	28.35	276	6876453	85.664 ng/ul#	86
93) Dibenzo(a,h)anthracene	28.43	278	8229069	125.443 ng/ul#	86
94) Benzo(g,h,i)perylene	29.47	276	8928885	131.695 ng/ul#	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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