Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111920\
Data File : BG047353.D
Acq On : 19 Nov 2020 13:42
Operator : CG/JU
Sample : SSTD16029
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16029

Quant Time: Nov 19 14:18:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	39722	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	167279	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	122630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	305460	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	284318	20.00	ng/ul	0.01
86) Perylene-d12	25.31	264	305597	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	58954	59.86	ng/uL	0.00
5) Phenol-d5	7.41	99	638962	185.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	343721	173.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	433669	161.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	483052	175.62	ng/ul	0.02
19) Nitrobenzene-d5	9.45	128	212604	151.63	ng/ul	0.01
22) 2-Nitrophenol-d4	10.18	143	248224	151.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	538130	168.38	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	480462	176.30	ng/ul	0.01
44) Dimethylphthalate-d6	14.29	166	1495150	148.28	ng/ul	0.01
47) Acenaphthylene-d8	14.59	160	1756816	147.26	ng/ul	0.01
52) 4-Nitrophenol-d4	15.07	143	254332	160.23	ng/ul	0.04
58) Fluorene-d10	15.88	176	1395800	149.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.99	200	313362	148.75	ng/ul	0.02
71) Anthracene-d10	17.73	188	2110633	142.56	ng/ul	0.01
79) Pyrene-d10	19.99	212	2300340	141.84	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.10	264	2618730	155.87	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	62528	59.220	ng/uL#	62
4) Benzaldehyde	7.40	77	296998	129.853	ng/ul	97
6) Phenol	7.44	94	593643	176.450	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.69	93	420432	159.473	ng/ul	93
10) 2-Chlorophenol	7.84	128	416040	156.257	ng/ul	92
11) 2-Methylphenol	8.70	108	468862	181.715	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.80	45	459622	117.333	ng/ul#	95
14) Acetophenone	9.12	105	731146	174.007	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.11	70	430123	189.186	ng/ul#	95
16) 4-Methylphenol	9.05	108	488693	180.329	ng/ul	93
17) Hexachloroethane	9.38	117	189009	153.888	ng/ul	87
20) Nitrobenzene	9.50	77	657822	173.757	ng/ul#	92
21) Isophorone	10.03	82	1217150	178.513	ng/ul#	97
23) 2-Nitrophenol	10.21	139	258661	153.987	ng/ul	96
24) 2,4-Dimethylphenol	10.26	107	611314	179.026	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.50	93	596784	155.106	ng/ul	96
27) 2,4-Dichlorophenol	10.74	162	470809	156.193	ng/ul	97
28) Naphthalene	11.16	128	1352638	143.935	ng/ul	98
30) 4-Chloroaniline	11.25	127	446524	172.255	ng/ul#	85
31) Hexachlorobutadiene	11.44	225	431221	163.057	ng/ul	95
32) Caprolactam	12.06	113	96100	93.581	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.36	107	565398	182.441	ng/ul	96
34) 2-Methylnaphthalene	12.75	142	1003155	149.620	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	1165236	148.318 ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	721323	151.017 ng/ul	98
38) Hexachlorocyclopentadiene	13.09	237	546060	182.331 ng/ul	99
39) 2,4,6-Trichlorophenol	13.33	196	482589	165.696 ng/ul	95
40) 2,4,5-Trichlorophenol	13.40	196	511073	171.234 ng/ul	98
41) 1,1'-Biphenyl	13.73	154	1358276	140.389 ng/ul	100
42) 2-Chloronaphthalene	13.78	162	1101906	141.208 ng/ul	92
43) 2-Nitroaniline	13.97	65	442021	188.391 ng/ul	87
45) Dimethylphthalate	14.34	163	1498913	148.129 ng/ul	99
46) 2,6-Dinitrotoluene	14.46	165	338809	154.694 ng/ul	98
48) Acenaphthylene	14.62	152	1591279	142.591 ng/ul	95
49) 3-Nitroaniline	14.79	138	236303	165.149 ng/ul#	99
50) Acenaphthene	14.96	153	1175648	145.607 ng/ul	96
51) 2,4-Dinitrophenol	14.98	184	227686	201.086 ng/ul#	79
53) 4-Nitrophenol	15.08	109	362370	223.267 ng/ul	92
54) Dibenzofuran	15.29	168	1610104	137.030 ng/ul	95
55) 2,4-Dinitrotoluene	15.24	165	476688	158.450 ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.50	232	495115	157.996 ng/ul#	97
57) Diethylphthalate	15.70	149	1481924	146.128 ng/ul	95
59) Fluorene	15.94	166	1403109	145.481 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.92	204	881121	159.228 ng/ul	95
61) 4-Nitroaniline	15.95	138	272701	164.497 ng/ul	84
64) 4,6-Dinitro-2-methylphenol	16.01	198	328262	151.153 ng/ul	98
65) N-Nitrosodiphenylamine	16.13	169	1266746	143.487 ng/ul	95
66) 4-Bromophenyl-phenylether	16.81	248	600983	148.323 ng/ul	95
67) Hexachlorobenzene	16.93	284	634324	147.910 ng/ul	94
68) Atrazine	17.08	200	570340	149.697 ng/ul	94
69) Pentachlorophenol	17.26	266	400359	163.699 ng/ul	95
70) Phenanthrene	17.67	178	2320090	135.422 ng/ul	95
72) Anthracene	17.67	178	2320090	134.755 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	760335	148.177 ng/uL	96
74) Pentachlorobenzene	15.21	250	717457	145.835 ng/uL	98
75) Carbazole	18.02	167	1916431	144.902 ng/ul#	93
76) Di-n-butylphthalate	18.56	149	2255831	127.852 ng/ul	96
77) Fluoranthene	19.66	202	2801013	135.838 ng/ul#	95
80) Pyrene	20.02	202	2649591	136.180 ng/ul	97
81) Butylbenzylphthalate	20.88	149	1084536	151.752 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.79	252	931000	178.948 ng/ul	98
83) Benzo(a)anthracene	21.89	228	2809595	145.869 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.78	149	1517573	153.077 ng/ul#	93
85) Chrysene	21.96	228	2672286	144.207 ng/ul	92
87) Di-n-octyl phthalate	23.07	149	2460432	143.825 ng/ul	100
88) Benzo(b)fluoranthene	24.24	252	3175231	156.416 ng/ul#	98
89) Benzo(k)fluoranthene	24.32	252	2903919	147.627 ng/ul#	94
91) Benzo(a)pyrene	25.18	252	2763033	151.150 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.26	276	3541976	155.914 ng/ul	99
93) Dibenzo(a,h)anthracene	29.34	278	2829577	153.551 ng/ul	99
94) Benzo(g,h,i)perylene	30.51	276	2900592	152.768 ng/ul	95

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

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