Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047616.D
Acq On : 7 Dec 2020 11:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC020

Quant Time: Dec 07 15:07:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	24672	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	100687	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	78730	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	202358	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	183671	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	194174	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	2930	4.32	ng/uL	-0.04
5) Phenol-d5	7.38	99	40203	16.25	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	22137	15.69	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	29451	17.75	ng/ul	-0.02
13) 4-Methylphenol-d8	8.95	113	33642	17.69	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	16124	19.39	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	22524	24.82	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	43974	21.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	43384	20.65	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	129173	19.11	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	145683	18.65	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.04	143	16812	16.30	ng/ul	0.00
58) Fluorene-d10	15.85	176	119667	19.33	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.96	200	2961	2.57	ng/ul	-0.01
71) Anthracene-d10	17.70	188	190348	18.96	ng/ul	-0.02
79) Pyrene-d10	19.97	212	200476	18.76	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	198126	17.73	ng/ul	-0.03
Target Compounds						Qvalue
4) Benzaldehyde	7.38	77	25413	17.389	ng/ul	91
6) Phenol	7.41	94	41060	17.321	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.65	93	27741	15.853	ng/ul#	91
10) 2-Chlorophenol	7.81	128	31852	19.019	ng/ul	98
11) 2-Methylphenol	8.68	108	32349	17.566	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.77	45	26214	14.243	ng/ul#	94
14) Acetophenone	9.07	105	53421	18.241	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.06	70	28534	16.150	ng/ul	98
16) 4-Methylphenol	9.00	108	33317	17.238	ng/ul	98
17) Hexachloroethane	9.35	117	15445	19.625	ng/ul	91
20) Nitrobenzene	9.46	77	48146	17.899	ng/ul	93
21) Isophorone	9.98	82	84864	16.553	ng/ul#	96
23) 2-Nitrophenol	10.18	139	24612	24.948	ng/ul	91
24) 2,4-Dimethylphenol	10.23	107	44507	17.773	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.46	93	37627	15.259	ng/ul#	95
27) 2,4-Dichlorophenol	10.71	162	40068	21.721	ng/ul	91
28) Naphthalene	11.12	128	102224	17.925	ng/ul	98
30) 4-Chloroaniline	11.22	127	42141	21.044	ng/ul#	81
31) Hexachlorobutadiene	11.41	225	35843	20.653	ng/ul#	89
32) Caprolactam	11.97	113	7316	10.881	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.32	107	43491	19.077	ng/ul	95
34) 2-Methylnaphthalene	12.72	142	78769	18.639	ng/ul	95
35) 1-Methylnaphthalene	12.93	142	92720	18.667	ng/uL#	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.08	216	60231	19.469 ng/ul	93
38) Hexachlorocyclopentadiene	13.06	237	32018	14.873 ng/ul	91
39) 2,4,6-Trichlorophenol	13.30	196	47389	24.666 ng/ul	95
40) 2,4,5-Trichlorophenol	13.38	196	50315	25.226 ng/ul	95
41) 1,1'-Biphenyl	13.70	154	112786	18.469 ng/ul	95
42) 2-Chloronaphthalene	13.75	162	89256	18.438 ng/ul	96
43) 2-Nitroaniline	13.94	65	32893	18.682 ng/ul#	80
45) Dimethylphthalate	14.30	163	127516	18.496 ng/ul	99
46) 2,6-Dinitrotoluene	14.43	165	25787	19.533 ng/ul	87
48) Acenaphthylene	14.59	152	135810	18.707 ng/ul	97
49) 3-Nitroaniline	14.75	138	22098	21.436 ng/ul#	95
50) Acenaphthene	14.93	153	97022	19.053 ng/ul	87
53) 4-Nitrophenol	15.05	109	26002	17.417 ng/ul#	75
54) Dibenzofuran	15.26	168	139332	18.628 ng/ul	98
55) 2,4-Dinitrotoluene	15.21	165	38986	20.814 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.48	232	28366	14.850 ng/ul#	94
57) Diethylphthalate	15.65	149	127816	18.898 ng/ul	98
59) Fluorene	15.91	166	121538	19.288 ng/ul	92
60) 4-Chlorophenyl-phenylether	15.89	204	76680	20.259 ng/ul	97
61) 4-Nitroaniline	15.91	138	20535	17.012 ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.98	198	2629	2.181 ng/ul#	91
65) N-Nitrosodiphenylamine	16.10	169	108232	18.738 ng/ul	96
66) 4-Bromophenyl-phenylether	16.78	248	51495	20.032 ng/ul	85
67) Hexachlorobenzene	16.91	284	53025	19.718 ng/ul#	85
68) Atrazine	17.04	200	48526	19.087 ng/ul#	89
70) Phenanthrene	17.64	178	203169	18.592 ng/ul	97
72) Anthracene	17.73	178	207815	18.884 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	59263	18.630 ng/uL	92
74) Pentachlorobenzene	15.18	250	59273	19.381 ng/uL	89
75) Carbazole	18.00	167	166599	18.767 ng/ul	97
76) Di-n-butylphthalate	18.54	149	199057	17.604 ng/ul	98
77) Fluoranthene	19.63	202	251676	18.236 ng/ul#	98
80) Pyrene	20.00	202	245427	18.864 ng/ul#	92
81) Butylbenzylphthalate	20.86	149	81494	17.835 ng/ul	91
82) 3,3'-Dichlorobenzidine	21.77	252	82649	19.275 ng/ul	97
83) Benzo(a)anthracene	21.86	228	241437	18.475 ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.74	149	115847	18.188 ng/ul	96
85) Chrysene	21.93	228	232997	18.735 ng/ul	100
87) Di-n-octyl phthalate	23.01	149	190309	17.696 ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	242960	17.722 ng/ul	96
89) Benzo(k)fluoranthene	24.26	252	245914	18.202 ng/ul	99
91) Benzo(a)pyrene	25.11	252	222810	18.231 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.16	276	243160	16.356 ng/ul#	94
93) Dibenzo(a,h)anthracene	29.23	278	212144	17.405 ng/ul#	97
94) Benzo(g,h,i)perylene	30.39	276	223073	18.185 ng/ul#	90

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

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