Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112720\
Data File : BG047477.D
Acq On : 27 Nov 2020 12:03
Operator : CG/JU
Sample : L4485-11
Misc : MDL-WATER-04
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
mohammad
11/30/2020 12:00:02 PM

Quant Time: Nov 27 12:45:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 04:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	31466	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	119538	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	94441	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	242305	20.00	ng/ul	0.00
79) Chrysene-d12	21.89	240	244798	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	250047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3249	4.09	ng/uL	0.00
4) Pyridine-d5	4.04	84	47189	19.35	ng/ul	0.00
7) Phenol-d5	7.40	99	85734	28.43	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	47854	27.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	63122	30.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	67860	28.98	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	32711	32.97	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	37991	36.59	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	73941	30.95	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	86858	29.44	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	252432	31.96	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	301276	33.43	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	36986	32.07	ng/ul	0.00
60) Fluorene-d10	15.87	176	225431	31.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	39347	30.65	ng/ul	0.00
73) Anthracene-d10	17.72	188	364629	31.08	ng/ul	0.00
81) Pyrene-d10	19.98	212	435509	31.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	415358	30.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	690m	0.751	ng/uL	
5) Pyridine	4.07	79	6266m	2.645	ng/ul	
6) Benzaldehyde	7.39	77	6925	4.639	ng/ul#	76
8) Phenol	7.42	94	7858	2.682	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.67	93	6105	2.821	ng/ul#	88
12) 2-Chlorophenol	7.82	128	6942	3.354	ng/ul#	88
13) 2-Methylphenol	8.70	108	6749	2.985	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	8.80	45	5589m	2.326	ng/ul	
16) Acetophenone	9.09	105	11519	3.001	ng/ul	90
17) N-Nitroso-di-n-propylamine	9.07	70	6138	2.662	ng/ul#	86
18) 4-Methylphenol	9.02	108	6692	2.744	ng/ul	100
19) Hexachloroethane	9.36	117	3092	3.243	ng/ul#	68
22) Nitrobenzene	9.47	77	9772m	3.185	ng/ul	
23) Isophorone	10.00	82	17339	2.847	ng/ul	97
25) 2-Nitrophenol	10.20	139	4030	3.594	ng/ul#	87
26) 2,4-Dimethylphenol	10.24	107	8411	2.854	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.48	93	7403	2.500	ng/ul#	92
29) 2,4-Dichlorophenol	10.73	162	6756m	3.110	ng/ul	
30) Naphthalene	11.15	128	20414	3.047	ng/ul#	94
32) 4-Chloroaniline	11.24	127	7478	2.665	ng/ul#	87
33) Hexachlorobutadiene	11.43	225	7101	3.467	ng/ul#	76
34) Caprolactam	12.01	113	2202	2.674	ng/ul#	56

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.34	107	7082	2.582	ng/ul#	93
36) 2-Methylnaphthalene	12.73	142	15026	2.960	ng/ul	88
37) 1-Methylnaphthalene	12.95	142	14355	2.926	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	11799	3.233	ng/ul	97
40) Hexachlorocyclopentadiene	13.07	237	6346	2.449	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.32	196	6137	2.738	ng/ul	84
42) 2,4,5-Trichlorophenol	13.39	196	7328m	3.103	ng/ul	
43) 1,1'-Biphenyl	13.72	154	21617	3.052	ng/ul	96
44) 2-Chloronaphthalene	13.77	162	17700	3.133	ng/ul	93
45) 2-Nitroaniline	13.96	65	5979	3.090	ng/ul	92
47) Dimethylphthalate	14.32	163	23857	2.967	ng/ul#	91
48) 2,6-Dinitrotoluene	14.44	165	4857	3.229	ng/ul#	90
50) Acenaphthylene	14.61	152	25851	3.055	ng/ul#	93
51) 3-Nitroaniline	14.76	138	3652	2.950	ng/ul#	69
52) Acenaphthene	14.94	153	17804	2.926	ng/ul	95
53) 2,4-Dinitrophenol	14.98	184	592	0.769	ng/ul#	71
55) 4-Nitrophenol	15.06	109	5525	3.300	ng/ul#	78
56) Dibenzofuran	15.27	168	25368	2.919	ng/ul	100
57) 2,4-Dinitrotoluene	15.23	165	6283	2.981	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.49	232	6622	3.042	ng/ul#	82
59) Diethylphthalate	15.67	149	22569	2.789	ng/ul#	95
61) Fluorene	15.92	166	22577	3.035	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.91	204	14339	3.177	ng/ul	92
63) 4-Nitroaniline	15.92	138	4867	3.927	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.98	198	3529	2.604	ng/ul#	62
67) N-Nitrosodiphenylamine	16.12	169	20463	2.969	ng/ul	90
68) 4-Bromophenyl-phenylether	16.79	248	8229	2.707	ng/ul	91
69) Hexachlorobenzene	16.92	284	9609	2.963	ng/ul#	85
70) Atrazine	17.05	200	8939	2.916	ng/ul	97
71) Pentachlorophenol	17.26	266	2549	1.456	ng/ul#	84
72) Phenanthrene	17.66	178	38080	2.950	ng/ul	96
74) Anthracene	17.75	178	37192m	2.856	ng/ul	
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	12765	3.360	ng/uL#	76
76) Pentachlorobenzene	15.20	250	10694	2.857	ng/uL#	80
77) Carbazole	18.00	167	30591	2.907	ng/ul	94
78) Di-n-butylphthalate	18.55	149	37456	2.732	ng/ul	97
80) Fluoranthene	19.64	202	50392	2.887	ng/ul	99
82) Pyrene	20.01	202	49236	2.851	ng/ul#	94
83) Butylbenzylphthalate	20.87	149	15737	2.585	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.78	252	19553	3.166	ng/ul	90
85) Benzo(a)anthracene	21.88	228	50131	2.929	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.77	149	22699	2.676	ng/ul	96
87) Chrysene	21.94	228	48659	2.961	ng/ul	98
89) Di-n-octyl phthalate	23.03	149	38612	2.794	ng/ul	100
90) Benzo(b)fluoranthene	24.21	252	49182	2.835	ng/ul	93
91) Benzo(k)fluoranthene	24.29	252	51062m	3.064	ng/ul	
93) Benzo(a)pyrene	25.14	252	43010	2.791	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.20	276	57072m	3.069	ng/ul	
95) Dibenzo(a,h)anthracene	29.26	278	47082m	3.080	ng/ul	
96) Benzo(g,h,i)perylene	30.41	276	44172m	2.866	ng/ul	

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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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