Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112720\
Data File : BG047479.D
Acq On : 27 Nov 2020 13:24
Operator : CG/JU
Sample : L4485-12
Misc : MDL-WATER-05
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED
mohammad
11/30/2020 12:00:05 PM

Quant Time: Nov 27 14:22:38 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	33124	20.00	ng/ul	0.00
20) Naphthalene-d8	11.09	136	129516	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	97525	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.61	188	253240	20.00	ng/ul	0.00
79) Chrysene-d12	21.89	240	263754	20.00	ng/ul	0.00
88) Perylene-d12	25.29	264	272027	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2451	2.93	ng/uL	0.00
4) Pyridine-d5	4.04	84	47472	18.49	ng/ul	0.00
7) Phenol-d5	7.40	99	86799	27.35	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	51981	27.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	67351	31.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	70540	28.62	ng/ul	0.00
21) Nitrobenzene-d5	9.43	128	32126	29.88	ng/ul	0.00
24) 2-Nitrophenol-d4	10.16	143	40956	36.40	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	78660	30.39	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	89938	28.13	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	262060	32.13	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	303828	32.65	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	36939	31.02	ng/ul	0.00
60) Fluorene-d10	15.86	176	233771	31.72	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.96	200	41694	31.08	ng/ul	0.00
73) Anthracene-d10	17.71	188	380069	31.00	ng/ul	0.00
81) Pyrene-d10	19.98	212	447824	30.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.06	264	425583	28.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	565m	0.584	ng/uL	
5) Pyridine	4.07	79	6421m	2.575	ng/ul	
6) Benzaldehyde	7.40	77	6478	4.123	ng/ul#	75
8) Phenol	7.42	94	7092	2.299	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.67	93	6319	2.773	ng/ul#	88
12) 2-Chlorophenol	7.83	128	5639	2.588	ng/ul#	78
13) 2-Methylphenol	8.70	108	5405m	2.271	ng/ul	
14) 2,2'-oxybis(1-Chloropropan	8.78	45	5571	2.203	ng/ul#	76
16) Acetophenone	9.09	105	9548	2.363	ng/ul#	79
17) N-Nitroso-di-n-propylamine	9.07	70	5271	2.171	ng/ul#	94
18) 4-Methylphenol	9.03	108	5638	2.196	ng/ul	85
19) Hexachloroethane	9.37	117	2907m	2.896	ng/ul	
22) Nitrobenzene	9.47	77	9790	2.945	ng/ul#	77
23) Isophorone	10.01	82	14987	2.271	ng/ul#	93
25) 2-Nitrophenol	10.19	139	3670	3.021	ng/ul#	75
26) 2,4-Dimethylphenol	10.24	107	7971	2.496	ng/ul#	71
27) Bis(2-Chloroethoxy)methane	10.48	93	7857	2.448	ng/ul#	90
29) 2,4-Dichlorophenol	10.73	162	6479	2.753	ng/ul#	91
30) Naphthalene	11.15	128	19598	2.700	ng/ul	98
32) 4-Chloroaniline	11.24	127	8072	2.655	ng/ul	94
33) Hexachlorobutadiene	11.42	225	6450	2.906	ng/ul#	57
34) Caprolactam	12.02	113	2157m	2.417	ng/ul	

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35) 4-Chloro-3-methylphenol	12.34	107	6892	2.319	ng/ul#	85
36) 2-Methylnaphthalene	12.73	142	13911	2.529	ng/ul	87
37) 1-Methylnaphthalene	12.94	142	13885	2.612	ng/ul#	88
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	11778	3.125	ng/ul#	85
40) Hexachlorocyclopentadiene	13.07	237	5589	2.088	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.32	196	6118	2.644	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.39	196	6823	2.798	ng/ul	85
43) 1,1'-Biphenyl	13.72	154	21250	2.905	ng/ul#	87
44) 2-Chloronaphthalene	13.77	162	15617	2.677	ng/ul	97
45) 2-Nitroaniline	13.95	65	5368	2.686	ng/ul	94
47) Dimethylphthalate	14.32	163	23563	2.838	ng/ul#	92
48) 2,6-Dinitrotoluene	14.44	165	4298	2.767	ng/ul#	74
50) Acenaphthylene	14.60	152	24281	2.778	ng/ul#	92
51) 3-Nitroaniline	14.77	138	3818	2.987	ng/ul#	64
52) Acenaphthene	14.94	153	16976	2.701	ng/ul#	87
53) 2,4-Dinitrophenol	14.98	184	739m	0.930	ng/ul	
55) 4-Nitrophenol	15.05	109	5946	3.439	ng/ul	91
56) Dibenzofuran	15.27	168	24761	2.759	ng/ul	95
57) 2,4-Dinitrotoluene	15.22	165	5997	2.755	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.49	232	6435	2.862	ng/ul#	91
59) Diethylphthalate	15.67	149	21674	2.594	ng/ul#	97
61) Fluorene	15.92	166	20891	2.719	ng/ul	89
62) 4-Chlorophenyl-phenylether	15.90	204	11658	2.501	ng/ul#	92
63) 4-Nitroaniline	15.92	138	4420	3.454	ng/ul#	85
66) 4,6-Dinitro-2-methylphenol	15.98	198	3300	2.330	ng/ul#	1
67) N-Nitrosodiphenylamine	16.11	169	17335	2.406	ng/ul	96
68) 4-Bromophenyl-phenylether	16.80	248	8928	2.810	ng/ul	95
69) Hexachlorobenzene	16.92	284	10836	3.197	ng/ul#	81
70) Atrazine	17.05	200	9019	2.815	ng/ul	92
71) Pentachlorophenol	17.26	266	2546	1.391	ng/ul#	68
72) Phenanthrene	17.66	178	36312	2.691	ng/ul	99
74) Anthracene	17.75	178	36676	2.695	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	10525	2.650	ng/uL	87
76) Pentachlorobenzene	15.19	250	10650	2.722	ng/uL	94
77) Carbazole	18.00	167	28131	2.558	ng/ul	98
78) Di-n-butylphthalate	18.55	149	36117	2.521	ng/ul#	96
80) Fluoranthene	19.64	202	47501	2.526	ng/ul#	95
82) Pyrene	20.01	202	47320	2.543	ng/ul#	96
83) Butylbenzylphthalate	20.87	149	15697	2.393	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.77	252	18788	2.824	ng/ul#	84
85) Benzo(a)anthracene	21.87	228	47740	2.589	ng/ul	93
86) Bis(2-ethylhexyl)phthalate	21.76	149	21757	2.380	ng/ul#	93
87) Chrysene	21.94	228	46092	2.604	ng/ul	95
89) Di-n-octyl phthalate	23.03	149	35356	2.352	ng/ul	100
90) Benzo(b)fluoranthene	24.20	252	49302	2.612	ng/ul#	93
91) Benzo(k)fluoranthene	24.28	252	48317	2.665	ng/ul#	98
93) Benzo(a)pyrene	25.13	252	44518	2.656	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.18	276	52686m	2.604	ng/ul	
95) Dibenzo(a,h)anthracene	29.26	278	43502m	2.616	ng/ul	
96) Benzo(g,h,i)perylene	30.40	276	41603m	2.481	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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