Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113020\
Data File : BG047485.D
Acq On : 30 Nov 2020 12:58
Operator : CG/JU
Sample : L4485-13
Misc : MDL-WATER-06
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
mohammad
12/1/2020 10:42:22 AM

Quant Time: Nov 30 13:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 30 10:51:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30763	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	113928	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	92371	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.61	188	241447	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	253102	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	260272	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2745m	3.54	ng/uL	0.00
4) Pyridine-d5	4.04	84	44904	18.84	ng/ul	0.00
7) Phenol-d5	7.40	99	77436	26.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	47357	27.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	62882	31.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	67313	29.40	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	30898	32.67	ng/ul	0.00
24) 2-Nitrophenol-d4	10.16	143	37452	37.85	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	74687	32.81	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	88756	31.56	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	263971	34.17	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	305028	34.61	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	35662	31.62	ng/ul	0.00
60) Fluorene-d10	15.86	176	229565	32.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.96	200	43996	34.39	ng/ul	0.00
73) Anthracene-d10	17.71	188	393870m	33.70	ng/ul	0.00
81) Pyrene-d10	19.98	212	471885	33.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	448573	31.26	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	592	0.659	ng/uL#	46
5) Pyridine	4.06	79	5515m	2.381	ng/ul	
6) Benzaldehyde	7.39	77	6470	4.433	ng/ul#	85
8) Phenol	7.43	94	8032	2.804	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.67	93	4530	2.141	ng/ul#	91
12) 2-Chlorophenol	7.83	128	5567	2.751	ng/ul#	87
13) 2-Methylphenol	8.70	108	6088	2.754	ng/ul	85
14) 2,2'-oxybis(1-Chloropropan	8.80	45	5584m	2.377	ng/ul	
16) Acetophenone	9.09	105	10400	2.772	ng/ul	85
17) N-Nitroso-di-n-propylamine	9.07	70	5081	2.254	ng/ul#	76
18) 4-Methylphenol	9.02	108	6461	2.710	ng/ul	83
19) Hexachloroethane	9.37	117	2840	3.047	ng/ul#	80
22) Nitrobenzene	9.48	77	8727m	2.984	ng/ul	
23) Isophorone	10.01	82	16336	2.814	ng/ul#	87
25) 2-Nitrophenol	10.20	139	3395	3.177	ng/ul	93
26) 2,4-Dimethylphenol	10.24	107	8137	2.897	ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.48	93	7461	2.643	ng/ul	96
29) 2,4-Dichlorophenol	10.73	162	5853	2.827	ng/ul#	75
30) Naphthalene	11.15	128	20268	3.174	ng/ul#	92
32) 4-Chloroaniline	11.24	127	7913	2.959	ng/ul	95
33) Hexachlorobutadiene	11.43	225	6270	3.212	ng/ul#	83
34) Caprolactam	12.00	113	2042m	2.601	ng/ul	

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35) 4-Chloro-3-methylphenol	12.33	107	7266	2.780	ng/ul	95
36) 2-Methylnaphthalene	12.73	142	14409	2.978	ng/ul	100
37) 1-Methylnaphthalene	12.96	142	15145	3.239	ng/ul#	71
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	11752	3.292	ng/ul#	81
40) Hexachlorocyclopentadiene	13.08	237	5776	2.279	ng/ul#	61
41) 2,4,6-Trichlorophenol	13.32	196	6736	3.073	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.39	196	7166	3.103	ng/ul	91
43) 1,1'-Biphenyl	13.72	154	21504	3.104	ng/ul	95
44) 2-Chloronaphthalene	13.77	162	17257	3.123	ng/ul#	84
45) 2-Nitroaniline	13.95	65	4868	2.572	ng/ul#	84
47) Dimethylphthalate	14.32	163	24685	3.139	ng/ul#	96
48) 2,6-Dinitrotoluene	14.44	165	4886	3.321	ng/ul	98
50) Acenaphthylene	14.61	152	27215	3.288	ng/ul#	89
51) 3-Nitroaniline	14.76	138	3979	3.286	ng/ul#	57
52) Acenaphthene	14.94	153	18319	3.078	ng/ul	93
53) 2,4-Dinitrophenol	14.98	184	777m	1.032	ng/ul	
55) 4-Nitrophenol	15.05	109	5428	3.315	ng/ul	84
56) Dibenzofuran	15.28	168	26997	3.176	ng/ul	100
57) 2,4-Dinitrotoluene	15.22	165	6513	3.159	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.49	232	6417	3.014	ng/ul#	94
59) Diethylphthalate	15.67	149	23639	2.986	ng/ul#	93
61) Fluorene	15.92	166	23387	3.214	ng/ul#	97
62) 4-Chlorophenyl-phenylether	15.90	204	13116	2.971	ng/ul	99
63) 4-Nitroaniline	15.93	138	5066m	4.179	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.99	198	3619	2.680	ng/ul#	85
67) N-Nitrosodiphenylamine	16.11	169	20438	2.976	ng/ul	90
68) 4-Bromophenyl-phenylether	16.80	248	10375	3.424	ng/ul#	78
69) Hexachlorobenzene	16.92	284	10424	3.226	ng/ul#	89
70) Atrazine	17.05	200	9913	3.246	ng/ul#	87
71) Pentachlorophenol	17.26	266	2090	1.198	ng/ul	91
72) Phenanthrene	17.66	178	39206	3.048	ng/ul	95
74) Anthracene	17.75	178	40346	3.109	ng/ul	94
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	11614	3.067	ng/uL#	93
76) Pentachlorobenzene	15.20	250	10921	2.928	ng/uL	88
77) Carbazole	18.01	167	33520	3.197	ng/ul#	91
78) Di-n-butylphthalate	18.55	149	38876	2.846	ng/ul#	96
80) Fluoranthene	19.65	202	54610	3.026	ng/ul	98
82) Pyrene	20.01	202	50892	2.850	ng/ul#	93
83) Butylbenzylphthalate	20.88	149	17425	2.769	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.78	252	18614	2.915	ng/ul#	93
85) Benzo(a)anthracene	21.88	228	53476	3.022	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.76	149	23500	2.679	ng/ul#	88
87) Chrysene	21.94	228	49567	2.918	ng/ul	95
89) Di-n-octyl phthalate	23.04	149	39871	2.772	ng/ul	100
90) Benzo(b)fluoranthene	24.21	252	54512	3.019	ng/ul#	91
91) Benzo(k)fluoranthene	24.28	252	55073	3.174	ng/ul#	98
93) Benzo(a)pyrene	25.15	252	47773	2.979	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.19	276	57936m	2.993	ng/ul	
95) Dibenzo(a,h)anthracene	29.28	278	51848m	3.259	ng/ul	
96) Benzo(g,h,i)perylene	30.42	276	50996m	3.179	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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