Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
Data File : BG046100.D
Acq On : 28 Jul 2020 12:59
Operator : CG/JU
Sample : L1955-13
Misc : MDL-WTR-06
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
mohammad
7/29/2020 11:46:45 AM

Quant Time: Jul 28 13:45:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	95113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	392044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	269645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	623190	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	642480	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	706091	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	12584	6.53	ng/uL	0.00
5) Phenol-d5	7.12	99	234849	31.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	152053	32.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	193514	32.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	193736	30.77	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	97518	35.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	103344	36.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	201403	31.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	276104	38.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	693310	32.97	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	826376	33.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	106893	31.12	ng/ul	0.00
58) Fluorene-d10	15.58	176	615767	32.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	100709	32.29	ng/ul	0.00
71) Anthracene-d10	17.43	188	935598	32.55	ng/ul	0.00
79) Pyrene-d10	19.71	212	1155415	34.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1196729	30.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	2817	1.195	ng/uL	98
4) Benzaldehyde	7.10	77	11138m	2.093	ng/ul	
6) Phenol	7.15	94	25226	3.281	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.38	93	21912	3.482	ng/ul	91
10) 2-Chlorophenol	7.53	128	21080	3.481	ng/ul	95
11) 2-Methylphenol	8.40	108	18659	3.012	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.49	45	36214	3.405	ng/ul	98
14) Acetophenone	8.78	105	33246	3.578	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.76	70	17446	3.470	ng/ul	92
16) 4-Methylphenol	8.72	108	21410	3.226	ng/ul	99
17) Hexachloroethane	9.05	117	8430	3.280	ng/ul	94
20) Nitrobenzene	9.15	77	25323	3.561	ng/ul	97
21) Isophorone	9.68	82	46036	3.313	ng/ul	97
23) 2-Nitrophenol	9.86	139	11897	3.756	ng/ul	95
24) 2,4-Dimethylphenol	9.93	107	21271	3.031	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.16	93	28881	3.285	ng/ul	96
27) 2,4-Dichlorophenol	10.40	162	21284	3.373	ng/ul	93
28) Naphthalene	10.80	128	72491	3.455	ng/ul	99
30) 4-Chloroaniline	10.90	127	27720	3.997	ng/ul	93
31) Hexachlorobutadiene	11.10	225	16481	3.394	ng/ul	97
32) Caprolactam	11.68	113	5655m	2.658	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	19860	3.069	ng/ul	92
34) 2-Methylnaphthalene	12.41	142	56176	3.561	ng/ul	99

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35) 1-Methylnaphthalene	12.63	142	53749	3.450	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	33084	3.549	ng/ul#	94
38) Hexachlorocyclopentadiene	12.77	237	11650	2.183	ng/ul	88
39) 2,4,6-Trichlorophenol	13.02	196	16290	2.989	ng/ul	94
40) 2,4,5-Trichlorophenol	13.09	196	16358	2.761	ng/ul	91
41) 1,1'-Biphenyl	13.42	154	74998	3.595	ng/ul	95
42) 2-Chloronaphthalene	13.46	162	59151	3.554	ng/ul	97
43) 2-Nitroaniline	13.65	65	12139	3.094	ng/ul	94
45) Dimethylphthalate	14.04	163	73095	3.466	ng/ul	97
46) 2,6-Dinitrotoluene	14.15	165	12523	3.114	ng/ul	95
48) Acenaphthylene	14.31	152	88515	3.466	ng/ul	99
49) 3-Nitroaniline	14.48	138	10253	2.706	ng/ul#	92
50) Acenaphthene	14.65	153	63364	3.446	ng/ul	95
51) 2,4-Dinitrophenol	14.68	184	4279	2.403	ng/ul#	91
53) 4-Nitrophenol	14.78	109	7945	3.224	ng/ul#	85
54) Dibenzofuran	14.98	168	91128	3.634	ng/ul	98
55) 2,4-Dinitrotoluene	14.93	165	19653	3.431	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.21	232	16788	3.039	ng/ul	98
57) Diethylphthalate	15.40	149	72468	3.479	ng/ul	98
59) Fluorene	15.63	166	73830	3.472	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	38519	3.448	ng/ul	99
61) 4-Nitroaniline	15.63	138	10986m	2.601	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	11236	3.382	ng/ul#	83
65) N-Nitrosodiphenylamine	15.83	169	64545	3.562	ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	26540	3.427	ng/ul	95
67) Hexachlorobenzene	16.64	284	31329	3.584	ng/ul	99
68) Atrazine	16.79	200	24354	3.362	ng/ul	93
69) Pentachlorophenol	16.98	266	11212m	2.406	ng/ul	
70) Phenanthrene	17.37	178	126234	3.629	ng/ul	99
72) Anthracene	17.46	178	123459	3.563	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	34062	3.640	ng/uL	96
74) Pentachlorobenzene	14.91	250	34423	3.642	ng/uL	99
75) Carbazole	17.73	167	106710	3.837	ng/ul	98
76) Di-n-butylphthalate	18.30	149	116869	3.416	ng/ul#	97
77) Fluoranthene	19.38	202	159434	4.179	ng/ul	96
80) Pyrene	19.74	202	161237	3.711	ng/ul	97
81) Butylbenzylphthalate	20.63	149	47088	3.158	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.47	252	40878	2.964	ng/ul	93
83) Benzo(a)anthracene	21.56	228	159469	3.769	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	68764	3.170	ng/ul	95
85) Chrysene	21.62	228	155791	3.788	ng/ul	97
87) Di-n-octyl phthalate	22.67	149	112934	3.061	ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	152535	3.198	ng/ul	98
89) Benzo(k)fluoranthene	23.77	252	159513	3.406	ng/ul	96
91) Benzo(a)pyrene	24.54	252	155175	3.547	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.20	276	164419m	3.010	ng/ul	
93) Dibenzo(a,h)anthracene	28.26	278	137305m	3.072	ng/ul	
94) Benzo(g,h,i)perylene	29.29	276	141649	3.068	ng/ul	96

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

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