Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046085.D
Acq On : 27 Jul 2020 12:57
Operator : CG/JU
Sample : L1955-11
Misc : MDL-WTR-04
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
mohammad
7/28/2020 11:42:45 AM

Quant Time: Jul 27 13:34:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 10:02:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	104459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	430691	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	287259	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	624176	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	624612	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	689728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3529	1.67	ng/uL	0.00
5) Phenol-d5	7.12	99	222180	27.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	141529	27.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	181871	27.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	182235	26.35	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	90234	29.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	94936	30.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	189104	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	259846	32.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	629638	28.10	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	763443	28.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	91740	25.07	ng/ul	0.00
58) Fluorene-d10	15.58	176	560487	27.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.68	200	77508	24.81	ng/ul	0.00
71) Anthracene-d10	17.42	188	839479	29.16	ng/ul	0.00
79) Pyrene-d10	19.71	212	991098	30.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1031143	26.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3401	1.313	ng/uL	89
4) Benzaldehyde	7.10	77	14884m	2.547	ng/ul	
6) Phenol	7.15	94	32556	3.856	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.38	93	28342	4.101	ng/ul	96
10) 2-Chlorophenol	7.53	128	26151	3.932	ng/ul	97
11) 2-Methylphenol	8.40	108	23660	3.478	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.50	45	46830	4.010	ng/ul	99
14) Acetophenone	8.77	105	40902	4.008	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.76	70	21431	3.882	ng/ul	95
16) 4-Methylphenol	8.72	108	26995	3.703	ng/ul	96
17) Hexachloroethane	9.05	117	11540	4.089	ng/ul	96
20) Nitrobenzene	9.16	77	31337	4.011	ng/ul	96
21) Isophorone	9.68	82	57001	3.733	ng/ul	97
23) 2-Nitrophenol	9.87	139	14851	4.268	ng/ul	94
24) 2,4-Dimethylphenol	9.93	107	25413	3.296	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.16	93	37576	3.891	ng/ul	96
27) 2,4-Dichlorophenol	10.40	162	27359	3.946	ng/ul#	81
28) Naphthalene	10.81	128	91524	3.971	ng/ul	99
30) 4-Chloroaniline	10.91	127	34106	4.476	ng/ul	97
31) Hexachlorobutadiene	11.11	225	21055	3.946	ng/ul	99
32) Caprolactam	11.68	113	6563	2.808	ng/ul	87
33) 4-Chloro-3-methylphenol	12.03	107	24845	3.495	ng/ul	93
34) 2-Methylnaphthalene	12.41	142	70352	4.060	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	67799	3.962 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	42636	4.293 ng/ul	92
38) Hexachlorocyclopentadiene	12.77	237	13688	2.407 ng/ul	98
39) 2,4,6-Trichlorophenol	13.02	196	20101	3.463 ng/ul	94
40) 2,4,5-Trichlorophenol	13.09	196	21948	3.478 ng/ul	99
41) 1,1'-Biphenyl	13.42	154	94060	4.232 ng/ul	98
42) 2-Chloronaphthalene	13.46	162	73593	4.150 ng/ul	97
43) 2-Nitroaniline	13.66	65	14651	3.505 ng/ul	89
45) Dimethylphthalate	14.04	163	89095	3.965 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	15659	3.655 ng/ul	94
48) Acenaphthylene	14.30	152	107968	3.969 ng/ul	99
49) 3-Nitroaniline	14.48	138	12609	3.124 ng/ul	99
50) Acenaphthene	14.65	153	76743	3.918 ng/ul	96
51) 2,4-Dinitrophenol	14.69	184	5002	2.637 ng/ul#	87
53) 4-Nitrophenol	14.79	109	9374	3.570 ng/ul#	76
54) Dibenzofuran	14.99	168	111785	4.185 ng/ul	99
55) 2,4-Dinitrotoluene	14.94	165	23679	3.881 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21214	3.605 ng/ul	96
57) Diethylphthalate	15.41	149	85342	3.845 ng/ul	99
59) Fluorene	15.63	166	90699	4.004 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.63	204	46302	3.891 ng/ul	95
61) 4-Nitroaniline	15.64	138	13038m	2.898 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	12778	3.840 ng/ul#	82
65) N-Nitrosodiphenylamine	15.84	169	76426	4.211 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	31784	4.098 ng/ul	96
67) Hexachlorobenzene	16.64	284	35786	4.087 ng/ul	96
68) Atrazine	16.78	200	27851	3.839 ng/ul	98
69) Pentachlorophenol	16.98	266	13693m	2.934 ng/ul	
70) Phenanthrene	17.37	178	147894	4.246 ng/ul	98
72) Anthracene	17.46	178	146188	4.212 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	41792	4.459 ng/uL	99
74) Pentachlorobenzene	14.91	250	41443	4.378 ng/uL	98
75) Carbazole	17.72	167	122382	4.394 ng/ul	99
76) Di-n-butylphthalate	18.30	149	132425	3.864 ng/ul	97
77) Fluoranthene	19.37	202	184291	4.823 ng/ul	98
80) Pyrene	19.74	202	186593	4.418 ng/ul	98
81) Butylbenzylphthalate	20.63	149	53859	3.715 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.47	252	52012	3.880 ng/ul	95
83) Benzo(a)anthracene	21.55	228	184738	4.491 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	79630	3.776 ng/ul	95
85) Chrysene	21.62	228	175753	4.395 ng/ul	97
87) Di-n-octyl phthalate	22.67	149	129280	3.587 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	174639	3.748 ng/ul	98
89) Benzo(k)fluoranthene	23.77	252	181705	3.972 ng/ul	97
91) Benzo(a)pyrene	24.54	252	178521m	4.178 ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.20	276	190285	3.566 ng/ul	97
93) Dibenzo(a,h)anthracene	28.27	278	156465	3.584 ng/ul	98
94) Benzo(g,h,i)perylene	29.29	276	164224	3.641 ng/ul	97

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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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