Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048369.D
Acq On : 12 Mar 2021 15:28
Operator : CG/JU
Sample : M1344-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:23 AM

Quant Time: Mar 12 16:08:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 12 10:06:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	37465	20.00	ng/ul	0.00
20) Naphthalene-d8	10.94	136	148065	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	118537	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.51	188	303717	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	339762	20.00	ng/ul	0.00
88) Perylene-d12	25.16	264	328082	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	4292	4.96	ng/uL	0.00
4) Pyridine-d5	3.92	84	75554	28.54	ng/ul	0.00
7) Phenol-d5	7.25	99	109696	33.70	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	74469	37.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	82682	36.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	91010	34.09	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	39091	38.13	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	45071	40.15	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	95227	34.53	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	111295	32.04	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	338025	34.66	ng/ul	0.00
49) Acenaphthylene-d8	14.46	160	386814	36.12	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	49496	34.08	ng/ul	0.00
60) Fluorene-d10	15.75	176	298619	34.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	50974	32.84	ng/ul	0.00
73) Anthracene-d10	17.61	188	500490	36.07	ng/ul	0.00
81) Pyrene-d10	19.89	212	606814	34.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.93	264	650099	36.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	996	1.148	ng/uL#	49
5) Pyridine	3.95	79	10210	3.861	ng/ul#	50
6) Benzaldehyde	7.25	77	11111	5.406	ng/ul	96
8) Phenol	7.28	94	13151	3.822	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.53	93	9519	3.793	ng/ul	99
12) 2-Chlorophenol	7.68	128	9152	3.812	ng/ul	93
13) 2-Methylphenol	8.55	108	9233	3.587	ng/ul	88
14) 2,2'-oxybis(1-Chloropropan	8.65	45	11852	3.998	ng/ul#	90
16) Acetophenone	8.95	105	17207	3.931	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.93	70	10433	4.020	ng/ul#	90
18) 4-Methylphenol	8.88	108	10429	3.859	ng/ul	88
19) Hexachloroethane	9.22	117	4227	3.778	ng/ul	86
22) Nitrobenzene	9.33	77	16208	4.796	ng/ul#	86
23) Isophorone	9.86	82	27512	3.938	ng/ul	97
25) 2-Nitrophenol	10.05	139	5187	4.058	ng/ul#	93
26) 2,4-Dimethylphenol	10.09	107	13155	3.911	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.34	93	13710	3.898	ng/ul	97
29) 2,4-Dichlorophenol	10.57	162	10471	4.064	ng/ul	86
30) Naphthalene	11.00	128	30038	3.839	ng/ul#	96
32) 4-Chloroaniline	11.09	127	13290	3.891	ng/ul	96
33) Hexachlorobutadiene	11.28	225	10628	4.337	ng/ul#	84
34) Caprolactam	11.87	113	3667m	3.736	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.20	107	11375	3.764	ng/ul	97
36) 2-Methylnaphthalene	12.60	142	22850	3.786	ng/ul#	78
37) 1-Methylnaphthalene	12.81	142	22201	3.714	ng/ul#	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	17655	3.913	ng/ul#	92
40) Hexachlorocyclopentadiene	12.94	237	12020	3.668	ng/ul	95
41) 2,4,6-Trichlorophenol	13.18	196	9737	3.507	ng/ul	98
42) 2,4,5-Trichlorophenol	13.25	196	11088m	3.720	ng/ul	
43) 1,1'-Biphenyl	13.59	154	33503	3.820	ng/ul	95
44) 2-Chloronaphthalene	13.64	162	24772	3.605	ng/ul	99
45) 2-Nitroaniline	13.83	65	8902	4.194	ng/ul	89
47) Dimethylphthalate	14.20	163	39424	4.003	ng/ul#	94
48) 2,6-Dinitrotoluene	14.32	165	6257	3.709	ng/ul	93
50) Acenaphthylene	14.48	152	39091	3.807	ng/ul	97
51) 3-Nitroaniline	14.65	138	6719	4.143	ng/ul	100
52) Acenaphthene	14.83	153	28566	3.751	ng/ul	97
53) 2,4-Dinitrophenol	14.85	184	3686	3.284	ng/ul#	67
55) 4-Nitrophenol	14.95	109	7216	3.752	ng/ul#	82
56) Dibenzofuran	15.16	168	40921	3.783	ng/ul	90
57) 2,4-Dinitrotoluene	15.10	165	9861	4.064	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	11124	3.948	ng/ul#	95
59) Diethylphthalate	15.57	149	41050	4.170	ng/ul	99
61) Fluorene	15.81	166	33438	3.632	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.80	204	20409	3.654	ng/ul#	88
63) 4-Nitroaniline	15.81	138	7459	4.417	ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.87	198	5802	3.560	ng/ul#	93
67) N-Nitrosodiphenylamine	16.01	169	31463	3.740	ng/ul	99
68) 4-Bromophenyl-phenylether	16.70	248	14973	3.876	ng/ul	94
69) Hexachlorobenzene	16.81	284	15161	3.735	ng/ul	98
70) Atrazine	16.95	200	15125	3.995	ng/ul#	94
71) Pentachlorophenol	17.15	266	9235	3.586	ng/ul	97
72) Phenanthrene	17.55	178	59886	3.883	ng/ul	97
74) Anthracene	17.65	178	60440	3.810	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	18145	3.811	ng/uL	97
76) Pentachlorobenzene	15.08	250	18104	3.630	ng/uL#	91
77) Carbazole	17.91	167	51820	3.855	ng/ul#	96
78) Di-n-butylphthalate	18.47	149	62389	3.709	ng/ul	98
80) Fluoranthene	19.56	202	79821	3.702	ng/ul	99
82) Pyrene	19.92	202	82531	3.833	ng/ul	98
83) Butylbenzylphthalate	20.81	149	27770	3.606	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.70	252	30010	3.606	ng/ul#	91
85) Benzo(a)anthracene	21.78	228	86817	3.867	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.70	149	40512	3.609	ng/ul#	98
87) Chrysene	21.85	228	82975	3.865	ng/ul	96
89) Di-n-octyl phthalate	22.96	149	67348	3.771	ng/ul	100
90) Benzo(b)fluoranthene	24.08	252	86085	3.967	ng/ul	94
91) Benzo(k)fluoranthene	24.15	252	80915	3.794	ng/ul	96
93) Benzo(a)pyrene	25.00	252	74462	3.906	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.98	276	93987m	3.833	ng/ul	
95) Dibenzo(a,h)anthracene	29.06	278	80299m	4.028	ng/ul	
96) Benzo(g,h,i)perylene	30.17	276	75788	3.813	ng/ul	95

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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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