Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112520\
Data File : BG047468.D
Acq On : 25 Nov 2020 14:58
Operator : CG/JU
Sample : L4485-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
mohammad
11/27/2020 11:45:39 AM

Quant Time: Nov 25 15:55:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 12:54:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	27565	20.00	ng/ul	0.00
20) Naphthalene-d8	11.09	136	106078	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	80971	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	211493	20.00	ng/ul	0.00
79) Chrysene-d12	21.89	240	221944	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	232131	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	2810	4.04	ng/uL	0.00
4) Pyridine-d5	4.04	84	44875	21.01	ng/ul	0.00
7) Phenol-d5	7.40	99	86599	32.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	51260	33.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	65268	36.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	68936	33.61	ng/ul	0.00
21) Nitrobenzene-d5	9.43	128	32819	37.27	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.16	143	36244	39.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	77084	36.36	ng/ul	0.00
31) 4-Chloroaniline-d4	11.21	131	88310	33.73	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	258764	38.21	ng/ul	0.00
49) Acenaphthylene-d8	14.57	160	296218	38.34	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	37599	38.03	ng/ul	0.00
60) Fluorene-d10	15.87	176	221943	36.27	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	45015	40.17	ng/ul	0.00
73) Anthracene-d10	17.71	188	377030	36.82	ng/ul	0.00
81) Pyrene-d10	19.98	212	452929	36.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	433503	33.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	769m	0.955	ng/uL	
5) Pyridine	4.06	79	6301m	3.036	ng/ul	
6) Benzaldehyde	7.40	77	7342	5.615	ng/ul	97
8) Phenol	7.43	94	8397	3.271	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.68	93	6289	3.317	ng/ul	95
12) 2-Chlorophenol	7.83	128	6109m	3.370	ng/ul	
13) 2-Methylphenol	8.69	108	7024	3.546	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.80	45	6014	2.857	ng/ul#	91
16) Acetophenone	9.09	105	11807	3.512	ng/ul	93
17) N-Nitroso-di-n-propylamine	9.07	70	6252	3.095	ng/ul#	84
18) 4-Methylphenol	9.02	108	7358	3.444	ng/ul#	69
19) Hexachloroethane	9.36	117	3454	4.135	ng/ul	92
22) Nitrobenzene	9.48	77	10751	3.949	ng/ul	93
23) Isophorone	10.00	82	18388	3.402	ng/ul	96
25) 2-Nitrophenol	10.20	139	3889	3.908	ng/ul#	88
26) 2,4-Dimethylphenol	10.24	107	9207	3.520	ng/ul#	78
27) Bis(2-Chloroethoxy)methane	10.48	93	8487	3.229	ng/ul#	86
29) 2,4-Dichlorophenol	10.72	162	7504	3.893	ng/ul#	79
30) Naphthalene	11.14	128	21379	3.596	ng/ul#	94
32) 4-Chloroaniline	11.24	127	7866	3.159	ng/ul	97
33) Hexachlorobutadiene	11.42	225	7336	4.036	ng/ul#	85
34) Caprolactam	12.01	113	2531m	3.463	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.33	107	8673	3.564	ng/ul	97
36) 2-Methylnaphthalene	12.73	142	16073	3.568	ng/ul	92
37) 1-Methylnaphthalene	12.95	142	15386	3.534	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	12618	4.032	ng/ul	90
40) Hexachlorocyclopentadiene	13.07	237	6456	2.905	ng/ul	90
41) 2,4,6-Trichlorophenol	13.32	196	7548	3.928	ng/ul#	70
42) 2,4,5-Trichlorophenol	13.39	196	7438	3.674	ng/ul	92
43) 1,1'-Biphenyl	13.72	154	22882	3.768	ng/ul	96
44) 2-Chloronaphthalene	13.76	162	17798	3.674	ng/ul	93
45) 2-Nitroaniline	13.96	65	6592	3.973	ng/ul	94
47) Dimethylphthalate	14.31	163	27089	3.929	ng/ul#	95
48) 2,6-Dinitrotoluene	14.43	165	4356	3.377	ng/ul#	88
50) Acenaphthylene	14.61	152	26910	3.709	ng/ul	96
51) 3-Nitroaniline	14.76	138	4682	4.411	ng/ul#	62
52) Acenaphthene	14.94	153	18701	3.584	ng/ul	93
53) 2,4-Dinitrophenol	14.98	184	817m	1.238	ng/ul	
55) 4-Nitrophenol	15.06	109	5594	3.897	ng/ul	91
56) Dibenzofuran	15.27	168	27803	3.731	ng/ul	97
57) 2,4-Dinitrotoluene	15.22	165	6795	3.760	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	8045	4.310	ng/ul#	89
59) Diethylphthalate	15.67	149	25149	3.625	ng/ul#	96
61) Fluorene	15.92	166	24686	3.870	ng/ul#	94
62) 4-Chlorophenyl-phenylether	15.91	204	14981	3.871	ng/ul	93
63) 4-Nitroaniline	15.92	138	4935	4.644	ng/ul#	74
66) 4,6-Dinitro-2-methylphenol	15.98	198	4363	3.688	ng/ul#	47
67) N-Nitrosodiphenylamine	16.11	169	21208	3.525	ng/ul	92
68) 4-Bromophenyl-phenylether	16.79	248	9602	3.618	ng/ul#	83
69) Hexachlorobenzene	16.92	284	11648	4.116	ng/ul#	85
70) Atrazine	17.05	200	9334	3.489	ng/ul#	85
71) Pentachlorophenol	17.25	266	3604	2.358	ng/ul#	75
72) Phenanthrene	17.65	178	41512	3.684	ng/ul	95
74) Anthracene	17.75	178	42175	3.710	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	12442	3.752	ng/uL	93
76) Pentachlorobenzene	15.20	250	12143	3.717	ng/uL	89
77) Carbazole	18.01	167	36123	3.933	ng/ul	95
78) Di-n-butylphthalate	18.55	149	42548	3.555	ng/ul	99
80) Fluoranthene	19.64	202	56351	3.560	ng/ul#	96
82) Pyrene	20.01	202	56548	3.612	ng/ul#	95
83) Butylbenzylphthalate	20.88	149	19693	3.568	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.78	252	21873	3.906	ng/ul#	88
85) Benzo(a)anthracene	21.88	228	57681	3.718	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.76	149	27991	3.639	ng/ul	97
87) Chrysene	21.95	228	55570	3.730	ng/ul	95
89) Di-n-octyl phthalate	23.04	149	44250	3.449	ng/ul	100
90) Benzo(b)fluoranthene	24.20	252	54132	3.361	ng/ul	99
91) Benzo(k)fluoranthene	24.27	252	58258m	3.765	ng/ul	
93) Benzo(a)pyrene	25.14	252	51716	3.616	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.19	276	62931m	3.645	ng/ul	
95) Dibenzo(a,h)anthracene	29.26	278	52976m	3.734	ng/ul	
96) Benzo(g,h,i)perylene	30.43	276	51660m	3.610	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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