Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112520\
Data File : BG047472.D
Acq On : 25 Nov 2020 17:40
Operator : CG/JU
Sample : L4485-10
Misc : MDL-WATER-03
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-03

Manual Integrations APPROVED
mohammad
11/27/2020 11:45:50 AM

Quant Time: Nov 25 18:27:09 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	27929	20.00	ng/ul	0.00
20) Naphthalene-d8	11.09	136	103613	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	80728	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.61	188	200993	20.00	ng/ul	0.00
79) Chrysene-d12	21.89	240	206313	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	207636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	2648m	3.76	ng/uL	0.00
4) Pyridine-d5	4.04	84	52421	24.22	ng/ul	0.00
7) Phenol-d5	7.40	99	91878	34.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	51442	32.85	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	69769	38.20	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	72973	35.11	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	36097	41.97	ng/ul	0.00
24) 2-Nitrophenol-d4	10.16	143	39747	44.16	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	83164	40.17	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	92241	36.07	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	268009	39.70	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	315809	41.00	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	38722	39.28	ng/ul	0.00
60) Fluorene-d10	15.86	176	236556	38.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.96	200	43746	41.08	ng/ul	0.00
73) Anthracene-d10	17.71	188	388485	39.92	ng/ul	0.00
81) Pyrene-d10	19.98	212	461894	39.68	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	435197	38.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	493	0.605	ng/uL#	20
5) Pyridine	4.07	79	6131	2.916	ng/ul#	16
6) Benzaldehyde	7.39	77	6688	5.048	ng/ul#	73
8) Phenol	7.43	94	8005	3.078	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.67	93	6035	3.141	ng/ul	95
12) 2-Chlorophenol	7.82	128	5860	3.190	ng/ul#	91
13) 2-Methylphenol	8.70	108	6718	3.348	ng/ul#	75
14) 2,2'-oxybis(1-Chloropropan	8.80	45	6386m	2.995	ng/ul	
16) Acetophenone	9.10	105	10470	3.073	ng/ul#	79
17) N-Nitroso-di-n-propylamine	9.07	70	5678	2.774	ng/ul#	78
18) 4-Methylphenol	9.03	108	6043	2.791	ng/ul	94
19) Hexachloroethane	9.36	117	3154m	3.727	ng/ul	
22) Nitrobenzene	9.48	77	8855	3.330	ng/ul	95
23) Isophorone	10.00	82	14908	2.824	ng/ul#	95
25) 2-Nitrophenol	10.19	139	4277	4.400	ng/ul	88
26) 2,4-Dimethylphenol	10.24	107	8294	3.247	ng/ul#	78
27) Bis(2-Chloroethoxy)methane	10.48	93	7882	3.070	ng/ul#	87
29) 2,4-Dichlorophenol	10.72	162	7371	3.915	ng/ul	94
30) Naphthalene	11.14	128	18647	3.211	ng/ul#	93
32) 4-Chloroaniline	11.23	127	8284m	3.406	ng/ul	
33) Hexachlorobutadiene	11.43	225	6938	3.908	ng/ul	87
34) Caprolactam	12.02	113	2348m	3.289	ng/ul	

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35) 4-Chloro-3-methylphenol	12.33	107	7789	3.277	ng/ul	96
36) 2-Methylnaphthalene	12.73	142	15068	3.424	ng/ul	94
37) 1-Methylnaphthalene	12.94	142	15192	3.573	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	11675	3.742	ng/ul#	88
40) Hexachlorocyclopentadiene	13.07	237	6392	2.885	ng/ul#	82
41) 2,4,6-Trichlorophenol	13.32	196	6260	3.268	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.39	196	7231	3.582	ng/ul	88
43) 1,1'-Biphenyl	13.71	154	21408	3.536	ng/ul#	88
44) 2-Chloronaphthalene	13.77	162	17795	3.685	ng/ul	96
45) 2-Nitroaniline	13.95	65	5552	3.356	ng/ul	94
47) Dimethylphthalate	14.31	163	24523	3.568	ng/ul#	92
48) 2,6-Dinitrotoluene	14.44	165	5024	3.907	ng/ul	91
50) Acenaphthylene	14.61	152	26382	3.647	ng/ul	99
51) 3-Nitroaniline	14.77	138	4354	4.115	ng/ul#	69
52) Acenaphthene	14.94	153	17965	3.453	ng/ul	98
53) 2,4-Dinitrophenol	14.98	184	502	0.763	ng/ul#	66
55) 4-Nitrophenol	15.05	109	5331	3.725	ng/ul	95
56) Dibenzofuran	15.27	168	27261	3.669	ng/ul	90
57) 2,4-Dinitrotoluene	15.21	165	6709	3.724	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.49	232	6548	3.519	ng/ul#	83
59) Diethylphthalate	15.67	149	22910	3.312	ng/ul	97
61) Fluorene	15.92	166	21673	3.408	ng/ul#	96
62) 4-Chlorophenyl-phenylether	15.90	204	12888	3.341	ng/ul	89
63) 4-Nitroaniline	15.92	138	4430	4.182	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.98	198	3806	3.385	ng/ul#	54
67) N-Nitrosodiphenylamine	16.11	169	18603	3.253	ng/ul	93
68) 4-Bromophenyl-phenylether	16.80	248	8382	3.323	ng/ul#	74
69) Hexachlorobenzene	16.92	284	11321	4.209	ng/ul#	89
70) Atrazine	17.05	200	9229	3.630	ng/ul#	89
71) Pentachlorophenol	17.26	266	3392	2.335	ng/ul#	78
72) Phenanthrene	17.66	178	37172	3.471	ng/ul	95
74) Anthracene	17.74	178	38799	3.592	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	11354	3.602	ng/uL	89
76) Pentachlorobenzene	15.19	250	10612	3.418	ng/uL#	85
77) Carbazole	18.01	167	31632	3.624	ng/ul#	97
78) Di-n-butylphthalate	18.55	149	37057	3.258	ng/ul	97
80) Fluoranthene	19.65	202	49898	3.392	ng/ul#	97
82) Pyrene	20.01	202	51147	3.514	ng/ul#	95
83) Butylbenzylphthalate	20.88	149	14974	2.919	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.77	252	18703	3.593	ng/ul	97
85) Benzo(a)anthracene	21.87	228	51811m	3.592	ng/ul	
86) Bis(2-ethylhexyl)phthalate	21.76	149	22386	3.131	ng/ul#	97
87) Chrysene	21.94	228	48021	3.468	ng/ul	96
89) Di-n-octyl phthalate	23.04	149	39417	3.435	ng/ul	100
90) Benzo(b)fluoranthene	24.20	252	51922	3.605	ng/ul#	94
91) Benzo(k)fluoranthene	24.28	252	48615	3.513	ng/ul#	97
93) Benzo(a)pyrene	25.13	252	44786m	3.500	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.19	276	55320m	3.582	ng/ul	
95) Dibenzo(a,h)anthracene	29.26	278	47291	3.726	ng/ul#	96
96) Benzo(g,h,i)perylene	30.42	276	45897m	3.586	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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