Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112520\
Data File : BG047470.D
Acq On : 25 Nov 2020 16:19
Operator : CG/JU
Sample : L4485-09
Misc : MDL-WATER-02
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
mohammad
11/27/2020 11:45:44 AM

Quant Time: Nov 25 17:03:05 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	30394	20.00	ng/ul	0.00
20) Naphthalene-d8	11.09	136	117491	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	90062	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	230957	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	237244	20.00	ng/ul	0.00
88) Perylene-d12	25.29	264	246709	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3717	4.85	ng/uL	0.00
4) Pyridine-d5	4.04	84	55443	23.54	ng/ul	0.00
7) Phenol-d5	7.40	99	97572	33.50	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	55226	32.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	74019	37.24	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	79875	35.32	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	37451	38.40	ng/ul	0.00
24) 2-Nitrophenol-d4	10.17	143	44657	43.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	88776	37.81	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	102405	35.31	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	289491	38.44	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	341080	39.69	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	40065	36.43	ng/ul	0.00
60) Fluorene-d10	15.86	176	255100	37.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	49537	40.48	ng/ul	0.00
73) Anthracene-d10	17.72	188	426847	38.17	ng/ul	0.00
81) Pyrene-d10	19.98	212	497547	37.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	474604	34.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	703m	0.792	ng/uL	
5) Pyridine	4.06	79	6423	2.807	ng/ul#	1
6) Benzaldehyde	7.39	77	7074	4.906	ng/ul	96
8) Phenol	7.43	94	7993	2.824	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.67	93	7028	3.362	ng/ul#	90
12) 2-Chlorophenol	7.83	128	6510	3.257	ng/ul	92
13) 2-Methylphenol	8.70	108	5745	2.631	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.79	45	6563	2.828	ng/ul#	86
16) Acetophenone	9.09	105	11285	3.044	ng/ul#	82
17) N-Nitroso-di-n-propylamine	9.07	70	5808	2.607	ng/ul#	90
18) 4-Methylphenol	9.03	108	6432	2.730	ng/ul#	55
19) Hexachloroethane	9.37	117	3466	3.763	ng/ul#	81
22) Nitrobenzene	9.47	77	9777	3.242	ng/ul	97
23) Isophorone	10.00	82	17730	2.962	ng/ul	96
25) 2-Nitrophenol	10.19	139	4268	3.872	ng/ul#	89
26) 2,4-Dimethylphenol	10.24	107	8458	2.920	ng/ul	90
27) Bis(2-Chloroethoxy)methane	10.48	93	7940	2.728	ng/ul	92
29) 2,4-Dichlorophenol	10.73	162	5773	2.704	ng/ul#	94
30) Naphthalene	11.15	128	20841	3.165	ng/ul	99
32) 4-Chloroaniline	11.24	127	8681	3.147	ng/ul	90
33) Hexachlorobutadiene	11.43	225	7190	3.571	ng/ul#	77
34) Caprolactam	12.03	113	2717m	3.356	ng/ul	

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35) 4-Chloro-3-methylphenol	12.33	107	7987	2.963	ng/ul#	83
36) 2-Methylnaphthalene	12.73	142	15524	3.111	ng/ul	97
37) 1-Methylnaphthalene	12.95	142	16275	3.375	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	11428	3.283	ng/ul#	91
40) Hexachlorocyclopentadiene	13.07	237	7445	3.012	ng/ul	97
41) 2,4,6-Trichlorophenol	13.32	196	7320	3.425	ng/ul#	79
42) 2,4,5-Trichlorophenol	13.39	196	7704	3.421	ng/ul#	96
43) 1,1'-Biphenyl	13.72	154	22615	3.348	ng/ul	94
44) 2-Chloronaphthalene	13.77	162	18923	3.512	ng/ul	95
45) 2-Nitroaniline	13.95	65	5804	3.145	ng/ul	94
47) Dimethylphthalate	14.32	163	24506	3.196	ng/ul#	95
48) 2,6-Dinitrotoluene	14.44	165	4474	3.119	ng/ul	98
50) Acenaphthylene	14.61	152	26111	3.235	ng/ul	97
51) 3-Nitroaniline	14.77	138	4306m	3.647	ng/ul	
52) Acenaphthene	14.94	153	18063	3.112	ng/ul	90
53) 2,4-Dinitrophenol	14.98	184	765	1.042	ng/ul#	48
55) 4-Nitrophenol	15.05	109	6306	3.949	ng/ul#	71
56) Dibenzofuran	15.27	168	25583	3.087	ng/ul	92
57) 2,4-Dinitrotoluene	15.22	165	6586	3.277	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	7232	3.484	ng/ul#	93
59) Diethylphthalate	15.67	149	25634	3.322	ng/ul	95
61) Fluorene	15.92	166	22497	3.171	ng/ul#	97
62) 4-Chlorophenyl-phenylether	15.91	204	13700	3.183	ng/ul	96
63) 4-Nitroaniline	15.92	138	4628	3.916	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.98	198	4103	3.176	ng/ul#	89
67) N-Nitrosodiphenylamine	16.12	169	20828	3.170	ng/ul	89
68) 4-Bromophenyl-phenylether	16.79	248	9752	3.365	ng/ul	84
69) Hexachlorobenzene	16.92	284	10987	3.555	ng/ul#	82
70) Atrazine	17.05	200	9649	3.303	ng/ul	98
71) Pentachlorophenol	17.26	266	3118	1.868	ng/ul	93
72) Phenanthrene	17.66	178	40009	3.251	ng/ul	98
74) Anthracene	17.75	178	40386	3.253	ng/ul	94
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	13751	3.797	ng/uL	86
76) Pentachlorobenzene	15.19	250	11252	3.154	ng/uL	85
77) Carbazole	18.00	167	33386	3.328	ng/ul#	96
78) Di-n-butylphthalate	18.55	149	41968	3.211	ng/ul#	98
80) Fluoranthene	19.65	202	54747	3.236	ng/ul#	95
82) Pyrene	20.01	202	54599	3.263	ng/ul#	94
83) Butylbenzylphthalate	20.88	149	17195	2.915	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.78	252	21334	3.565	ng/ul#	83
85) Benzo(a)anthracene	21.87	228	54298	3.274	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.76	149	24840	3.021	ng/ul	93
87) Chrysene	21.95	228	47798	3.002	ng/ul	92
89) Di-n-octyl phthalate	23.04	149	39757	2.916	ng/ul	100
90) Benzo(b)fluoranthene	24.21	252	56389m	3.295	ng/ul	
91) Benzo(k)fluoranthene	24.28	252	52183m	3.173	ng/ul	
93) Benzo(a)pyrene	25.14	252	46140	3.035	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.19	276	59390m	3.237	ng/ul	
95) Dibenzo(a,h)anthracene	29.26	278	51033m	3.384	ng/ul	
96) Benzo(g,h,i)perylene	30.39	276	48244m	3.172	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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