Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026753.D
Acq On : 14 Jul 2020 15:20
Operator : JU/CG
Sample : L1955-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
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7/20/2020 11:24:52 AM

Quant Time: Jul 16 16:12:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	60898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	235437	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	141215	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	290170	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	299332	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	348114	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3216	1.59	ng/uL	0.00
5) Phenol-d5	6.53	99	136152	24.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	96821	25.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	109263	25.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	104733	23.48	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	50520	27.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	54933	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	99159	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	133406	32.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	303604	26.95	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	366412	26.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	33776	20.78	ng/ul	0.00
58) Fluorene-d10	14.98	176	252940	25.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	42784	23.60	ng/ul	0.00
71) Anthracene-d10	16.83	188	386956	27.08	ng/ul	0.00
79) Pyrene-d10	19.14	212	435684	28.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	477681	25.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	3284	1.497	ng/uL	96
4) Benzaldehyde	6.48	77	10334m	3.489	ng/ul	
6) Phenol	6.55	94	21190	3.456	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.76	93	17515	3.751	ng/ul	93
10) 2-Chlorophenol	6.88	128	16139	3.416	ng/ul	92
11) 2-Methylphenol	7.78	108	14105	3.220	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	7.85	45	34639	3.824	ng/ul	98
14) Acetophenone	8.14	105	25099	3.321	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.12	70	14352	3.215	ng/ul#	84
16) 4-Methylphenol	8.11	108	15453	3.173	ng/ul	92
17) Hexachloroethane	8.36	117	7306	3.490	ng/ul	97
20) Nitrobenzene	8.50	77	21998	3.746	ng/ul	97
21) Isophorone	9.02	82	35581	3.605	ng/ul	97
23) 2-Nitrophenol	9.20	139	8851	3.853	ng/ul	90
24) 2,4-Dimethylphenol	9.28	107	17387	3.287	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.51	93	21695	3.697	ng/ul	96
27) 2,4-Dichlorophenol	9.74	162	14373	3.578	ng/ul#	87
28) Naphthalene	10.11	128	50854	3.649	ng/ul	99
30) 4-Chloroaniline	10.24	127	19596	4.505	ng/ul	93
31) Hexachlorobutadiene	10.40	225	11427	3.925	ng/ul	97
32) Caprolactam	11.06	113	2931m	2.642	ng/ul	
33) 4-Chloro-3-methylphenol	11.41	107	15315	3.350	ng/ul	97
34) 2-Methylnaphthalene	11.74	142	34925	3.577	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.97	142	33318	3.661 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	18844	3.671 ng/ul	98
38) Hexachlorocyclopentadiene	12.10	237	2930	1.119 ng/ul#	91
39) 2,4,6-Trichlorophenol	12.40	196	10068	3.323 ng/ul	96
40) 2,4,5-Trichlorophenol	12.48	196	11256m	3.397 ng/ul	
41) 1,1'-Biphenyl	12.79	154	44765	3.662 ng/ul	98
42) 2-Chloronaphthalene	12.82	162	34351	3.570 ng/ul	98
43) 2-Nitroaniline	13.06	65	10152	3.139 ng/ul	91
45) Dimethylphthalate	13.45	163	44248	3.753 ng/ul	98
46) 2,6-Dinitrotoluene	13.57	165	7016	3.079 ng/ul#	88
48) Acenaphthylene	13.68	152	53076	3.641 ng/ul	99
49) 3-Nitroaniline	13.91	138	5509	2.908 ng/ul	98
50) Acenaphthene	14.04	153	36850	3.577 ng/ul	98
51) 2,4-Dinitrophenol	14.15	184	2107	1.780 ng/ul	93
53) 4-Nitrophenol	14.25	109	7137m	4.265 ng/ul	
54) Dibenzofuran	14.38	168	52278	3.576 ng/ul	91
55) 2,4-Dinitrotoluene	14.38	165	10728	3.166 ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	14.63	232	9777	3.427 ng/ul#	93
57) Diethylphthalate	14.84	149	44795	3.780 ng/ul	97
59) Fluorene	15.04	166	43285	3.624 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.04	204	22999	3.705 ng/ul	99
61) 4-Nitroaniline	15.08	138	5413m	2.527 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	6553	3.413 ng/ul#	60
65) N-Nitrosodiphenylamine	15.26	169	35904	3.701 ng/ul	99
66) 4-Bromophenyl-phenylether	15.94	248	13363	3.820 ng/ul	96
67) Hexachlorobenzene	16.04	284	15376	3.857 ng/ul	95
68) Atrazine	16.24	200	12265	3.880 ng/ul	95
69) Pentachlorophenol	16.41	266	5869m	2.986 ng/ul	
70) Phenanthrene	16.77	178	67556	3.739 ng/ul	98
72) Anthracene	16.87	178	67971	3.728 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	18714	3.741 ng/uL	97
74) Pentachlorobenzene	14.30	250	19006	3.966 ng/uL	99
75) Carbazole	17.15	167	53306	3.652 ng/ul	97
76) Di-n-butylphthalate	17.73	149	65134	3.688 ng/ul	99
77) Fluoranthene	18.81	202	74695	3.996 ng/ul	98
80) Pyrene	19.17	202	82221	3.876 ng/ul	99
81) Butylbenzylphthalate	20.11	149	28044	3.727 ng/ul	94
82) 3,3'-Dichlorobenzidine	20.89	252	17676	2.930 ng/ul	97
83) Benzo(a)anthracene	20.94	228	81225	3.942 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	42084	3.755 ng/ul	98
85) Chrysene	20.99	228	80116	3.919 ng/ul	99
87) Di-n-octyl phthalate	21.75	149	74446	3.471 ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	81938	3.465 ng/ul	98
89) Benzo(k)fluoranthene	22.46	252	85346	3.642 ng/ul	98
91) Benzo(a)pyrene	22.93	252	82396	3.928 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.02	276	95397	3.485 ng/ul	97
93) Dibenzo(a,h)anthracene	25.03	278	81591	3.538 ng/ul	96
94) Benzo(g,h,i)perylene	25.62	276	82999	3.635 ng/ul	100

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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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