Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026790.D
Acq On : 16 Jul 2020 18:17
Operator : JU/CG
Sample : L1955-14
Misc : MDL-WATER-07
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

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7/17/2020 12:31:06 PM

Quant Time: Jul 16 18:57:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	64263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	296466	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	207161	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	459617	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	516355	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	613135	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	11411	5.34	ng/uL	0.00
5) Phenol-d5	6.52	99	191277	32.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	143138	35.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	150443	33.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	159807	33.95	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	78609	33.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	86140	34.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	157636	32.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	224622	43.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	596177	36.08	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	672277	33.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	72935	30.58	ng/ul	0.00
58) Fluorene-d10	14.97	176	485541	33.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	94357	32.86	ng/ul	0.00
71) Anthracene-d10	16.82	188	773259	34.16	ng/ul	0.00
79) Pyrene-d10	19.14	212	929156	34.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.88	264	1060301	32.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	1854	0.801	ng/uL#	93
4) Benzaldehyde	6.48	77	8841	2.829	ng/ul	90
6) Phenol	6.54	94	18662	2.884	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.75	93	16160	3.280	ng/ul	96
10) 2-Chlorophenol	6.88	128	14087	2.826	ng/ul	93
11) 2-Methylphenol	7.78	108	12115	2.621	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.84	45	32104	3.359	ng/ul	97
14) Acetophenone	8.13	105	25514	3.199	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.12	70	15215	3.229	ng/ul	89
16) 4-Methylphenol	8.10	108	15068	2.932	ng/ul	89
17) Hexachloroethane	8.35	117	6416	2.904	ng/ul	92
20) Nitrobenzene	8.50	77	22617	3.059	ng/ul	93
21) Isophorone	9.02	82	38439	3.093	ng/ul#	95
23) 2-Nitrophenol	9.20	139	8740	3.022	ng/ul#	79
24) 2,4-Dimethylphenol	9.28	107	17298	2.597	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.51	93	22748	3.078	ng/ul#	90
27) 2,4-Dichlorophenol	9.73	162	14891	2.944	ng/ul	94
28) Naphthalene	10.11	128	50483	2.877	ng/ul	98
30) 4-Chloroaniline	10.24	127	21608	3.945	ng/ul	98
31) Hexachlorobutadiene	10.40	225	11006	3.002	ng/ul	95
32) Caprolactam	11.08	113	3712m	2.657	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	14746	2.562	ng/ul	99
34) 2-Methylnaphthalene	11.74	142	36821	2.995	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	35273	3.078	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	19818	2.632	ng/ul	96
38) Hexachlorocyclopentadiene	12.10	237	3078	0.801	ng/ul	92
39) 2,4,6-Trichlorophenol	12.39	196	10910	2.454	ng/ul#	82
40) 2,4,5-Trichlorophenol	12.48	196	10507	2.161	ng/ul	88
41) 1,1'-Biphenyl	12.78	154	49757	2.775	ng/ul	98
42) 2-Chloronaphthalene	12.82	162	36696	2.600	ng/ul	98
43) 2-Nitroaniline	13.05	65	11039	2.326	ng/ul	93
45) Dimethylphthalate	13.44	163	53612	3.100	ng/ul	97
46) 2,6-Dinitrotoluene	13.57	165	8600	2.573	ng/ul	90
48) Acenaphthylene	13.68	152	60934	2.849	ng/ul	98
49) 3-Nitroaniline	13.91	138	5844	2.103	ng/ul	89
50) Acenaphthene	14.03	153	43385	2.870	ng/ul	95
51) 2,4-Dinitrophenol	14.14	184	1546	0.890	ng/ul	91
53) 4-Nitrophenol	14.24	109	9428m	3.841	ng/ul	
54) Dibenzofuran	14.37	168	62369	2.908	ng/ul	100
55) 2,4-Dinitrotoluene	14.38	165	14029	2.822	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	14.62	232	11134	2.661	ng/ul	91
57) Diethylphthalate	14.83	149	55787	3.209	ng/ul	99
59) Fluorene	15.03	166	51436	2.936	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.04	204	26948	2.959	ng/ul	97
61) 4-Nitroaniline	15.08	138	5659m	1.801	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	9533	3.134	ng/ul#	69
65) N-Nitrosodiphenylamine	15.25	169	44211	2.877	ng/ul	97
66) 4-Bromophenyl-phenylether	15.93	248	16200	2.924	ng/ul	93
67) Hexachlorobenzene	16.04	284	18321	2.902	ng/ul	93
68) Atrazine	16.23	200	15703	3.136	ng/ul	95
69) Pentachlorophenol	16.41	266	6427	2.064	ng/ul	94
70) Phenanthrene	16.77	178	83273	2.910	ng/ul	97
72) Anthracene	16.86	178	85179	2.950	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	20963	2.645	ng/uL	93
74) Pentachlorobenzene	14.30	250	21904	2.886	ng/uL	99
75) Carbazole	17.15	167	66634	2.882	ng/ul	99
76) Di-n-butylphthalate	17.73	149	86003	3.074	ng/ul	99
77) Fluoranthene	18.80	202	97985	3.310	ng/ul#	96
80) Pyrene	19.17	202	109346	2.988	ng/ul	99
81) Butylbenzylphthalate	20.11	149	38684	2.980	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.89	252	25796	2.478	ng/ul	90
83) Benzo(a)anthracene	20.93	228	112362	3.161	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.90	149	57988	2.999	ng/ul	100
85) Chrysene	20.98	228	107763	3.056	ng/ul	99
87) Di-n-octyl phthalate	21.74	149	98072	2.596	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	111925	2.687	ng/ul	97
89) Benzo(k)fluoranthene	22.45	252	116847	2.831	ng/ul	99
91) Benzo(a)pyrene	22.92	252	113031	3.059	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.01	276	124044	2.573	ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	105563	2.599	ng/ul	98
94) Benzo(g,h,i)perylene	25.62	276	104548	2.600	ng/ul#	93

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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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