Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028029.D
Acq On : 04 Dec 2020 14:15
Operator : JU/CG
Sample : L4485-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-01

Quant Time: Dec 04 14:49:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 11:20:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	200809	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	799066	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	439285	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	861410	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	794595	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	812197	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	24568	4.57	ng/uL	0.00
4) Pyridine-d5	3.93	84	337892	23.29	ng/ul	0.00
7) Phenol-d5	7.42	99	552141	33.03	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	354441	34.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	467768	33.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	455504	34.55	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	215670	34.76	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	216962	35.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	409415	32.57	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	582608	33.88	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1100183	33.85	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1475669	35.37	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	193303	30.84	ng/ul	0.00
60) Fluorene-d10	15.89	176	951618	32.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	143902	28.78	ng/ul	0.00
73) Anthracene-d10	17.73	188	1388646	32.88	ng/ul	0.00
81) Pyrene-d10	19.98	212	1444915	34.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1370826	31.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	4739	0.857	ng/uL#	85
5) Pyridine	3.96	79	49462	3.398	ng/ul#	69
6) Benzaldehyde	7.41	77	39536	5.721	ng/ul	98
8) Phenol	7.45	94	54622	3.202	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.69	93	47209	3.361	ng/ul	98
12) 2-Chlorophenol	7.84	128	46975	3.277	ng/ul	97
13) 2-Methylphenol	8.73	108	38287	2.999	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.82	45	75389	3.335	ng/ul	98
16) Acetophenone	9.12	105	64270	3.258	ng/ul	94
17) N-Nitroso-di-n-propylamine	9.10	70	30462	3.250	ng/ul	98
18) 4-Methylphenol	9.06	108	42133	3.078	ng/ul	96
19) Hexachloroethane	9.39	117	18946	3.149	ng/ul	93
22) Nitrobenzene	9.51	77	51433	3.360	ng/ul	99
23) Isophorone	10.04	82	79254	3.095	ng/ul	98
25) 2-Nitrophenol	10.23	139	23848	3.402	ng/ul	99
26) 2,4-Dimethylphenol	10.28	107	45191	3.137	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.51	93	56788	3.230	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	39447	3.207	ng/ul	94
30) Naphthalene	11.17	128	146280	3.242	ng/ul	99
32) 4-Chloroaniline	11.27	127	56981	3.421	ng/ul	100
33) Hexachlorobutadiene	11.45	225	26346	3.271	ng/ul	98
34) Caprolactam	12.03	113	9315	2.628	ng/ul	92

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35) 4-Chloro-3-methylphenol	12.37	107	37563	3.045	ng/ul	98
36) 2-Methylnaphthalene	12.76	142	94585	3.188	ng/ul	99
37) 1-Methylnaphthalene	12.98	142	91390	3.204	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	47313	3.165	ng/ul	95
40) Hexachlorocyclopentadiene	13.10	237	21005	2.465	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.35	196	25275	2.821	ng/ul	96
42) 2,4,5-Trichlorophenol	13.42	196	27353	2.843	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	119887	3.185	ng/ul	98
44) 2-Chloronaphthalene	13.80	162	95215	3.211	ng/ul	97
45) 2-Nitroaniline	13.99	65	19845	2.692	ng/ul	96
47) Dimethylphthalate	14.35	163	109262	3.252	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	16791	2.632	ng/ul#	90
50) Acenaphthylene	14.64	152	137215	3.174	ng/ul	99
51) 3-Nitroaniline	14.80	138	17912	2.829	ng/ul#	90
52) Acenaphthene	14.97	153	99390	3.203	ng/ul	97
53) 2,4-Dinitrophenol	15.00	184	6844	1.865	ng/ul	90
55) 4-Nitrophenol	15.09	109	15162	3.290	ng/ul	98
56) Dibenzofuran	15.30	168	136318	3.243	ng/ul	100
57) 2,4-Dinitrotoluene	15.25	165	24146	2.701	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.52	232	21859	2.829	ng/ul	97
59) Diethylphthalate	15.70	149	104050	3.161	ng/ul	96
61) Fluorene	15.95	166	112967	3.293	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	55689	3.315	ng/ul	97
63) 4-Nitroaniline	15.95	138	18756	3.344	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.00	198	16047	2.915	ng/ul#	48
67) N-Nitrosodiphenylamine	16.14	169	89149	3.147	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	30931	3.142	ng/ul	94
69) Hexachlorobenzene	16.94	284	35859	3.157	ng/ul	95
70) Atrazine	17.07	200	27066	2.823	ng/ul	99
71) Pentachlorophenol	17.27	266	16607	2.613	ng/ul	89
72) Phenanthrene	17.67	178	169585	3.238	ng/ul	99
74) Anthracene	17.76	178	172880	3.241	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	46399	3.189	ng/uL	97
76) Pentachlorobenzene	15.22	250	43523	3.122	ng/uL	99
77) Carbazole	18.02	167	136962	3.017	ng/ul	99
78) Di-n-butylphthalate	18.56	149	143926	2.782	ng/ul	99
80) Fluoranthene	19.65	202	176790	3.235	ng/ul	99
82) Pyrene	20.00	202	193065	3.384	ng/ul	99
83) Butylbenzylphthalate	20.86	149	57450	2.806	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	51294	2.913	ng/ul	96
85) Benzo(a)anthracene	21.72	228	168767	3.199	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.62	149	84605	2.731	ng/ul	100
87) Chrysene	21.77	228	170971	3.279	ng/ul	98
89) Di-n-octyl phthalate	22.54	149	142090	2.581	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	168354	3.142	ng/ul	97
91) Benzo(k)fluoranthene	23.45	252	169950	3.287	ng/ul	98
93) Benzo(a)pyrene	24.03	252	160127	3.285	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.62	276	188800	3.155	ng/ul	98
95) Dibenzo(a,h)anthracene	26.62	278	159415	3.151	ng/ul	99
96) Benzo(g,h,i)perylene	27.38	276	159552	3.160	ng/ul	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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