Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028084.D
Acq On : 08 Dec 2020 23:36
Operator : JU/CG
Sample : L4485-14
Misc : MDL-WATER--08
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-07

Quant Time: Dec 09 06:49:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	174346	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	734090	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	439257	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	935321	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	918313	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	940631	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	17984	3.94	ng/uL	0.00
4) Pyridine-d5	3.93	84	267616	21.46	ng/ul	0.00
7) Phenol-d5	7.41	99	459680	30.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	293830	31.07	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	388273	31.34	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	386229	31.80	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	184758	31.19	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	191195	31.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	354644	29.59	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	519093	31.04	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1108007	31.73	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1376265	32.43	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	200324	30.44	ng/ul	0.00
60) Fluorene-d10	15.88	176	918815	30.24	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	152614	26.71	ng/ul	0.00
73) Anthracene-d10	17.72	188	1418202	30.46	ng/ul	0.00
81) Pyrene-d10	19.97	212	1556105	31.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1484191	28.82	ng/ul	-0.01
Target Compounds						Qvalue
5) Pyridine	3.95	79	37869	3.028	ng/ul#	64
6) Benzaldehyde	7.40	77	32196	5.541	ng/ul	94
8) Phenol	7.44	94	44004	2.933	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.69	93	39015	3.051	ng/ul	98
12) 2-Chlorophenol	7.83	128	37606	2.931	ng/ul	98
13) 2-Methylphenol	8.72	108	30938	2.680	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.81	45	59965	2.831	ng/ul	98
16) Acetophenone	9.12	105	53191	2.885	ng/ul	97
17) N-Nitroso-di-n-propylamine	9.09	70	25997	2.888	ng/ul	96
18) 4-Methylphenol	9.05	108	36009	2.884	ng/ul	98
19) Hexachloroethane	9.38	117	15294	2.780	ng/ul	96
22) Nitrobenzene	9.50	77	42372	2.947	ng/ul#	95
23) Isophorone	10.03	82	70507	2.769	ng/ul	98
25) 2-Nitrophenol	10.22	139	19294	2.854	ng/ul	100
26) 2,4-Dimethylphenol	10.26	107	37983	2.782	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.50	93	49129	2.850	ng/ul	97
29) 2,4-Dichlorophenol	10.75	162	33519	2.840	ng/ul	90
30) Naphthalene	11.17	128	122544	2.890	ng/ul	99
32) 4-Chloroaniline	11.26	127	48981	3.011	ng/ul	97
33) Hexachlorobutadiene	11.45	225	21219	2.759	ng/ul	96
34) Caprolactam	12.02	113	9426	2.545	ng/ul	87
35) 4-Chloro-3-methylphenol	12.36	107	32412	2.671	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.75	142	82197	2.852 ng/ul	94
37) 1-Methylnaphthalene	12.97	142	78325	2.825 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	40643	2.743 ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	17846	2.054 ng/ul	93
41) 2,4,6-Trichlorophenol	13.35	196	23465	2.579 ng/ul	97
42) 2,4,5-Trichlorophenol	13.41	196	26219	2.667 ng/ul	98
43) 1,1'-Biphenyl	13.74	154	107457	2.823 ng/ul	99
44) 2-Chloronaphthalene	13.79	162	82781	2.778 ng/ul	99
45) 2-Nitroaniline	13.98	65	19764	2.529 ng/ul	96
47) Dimethylphthalate	14.34	163	105690	2.937 ng/ul	99
48) 2,6-Dinitrotoluene	14.46	165	15654	2.269 ng/ul	91
50) Acenaphthylene	14.63	152	127689	2.909 ng/ul	99
51) 3-Nitroaniline	14.79	138	17585	2.722 ng/ul#	87
52) Acenaphthene	14.96	153	89839	2.838 ng/ul	98
53) 2,4-Dinitrophenol	15.00	184	6502	1.638 ng/ul	96
55) 4-Nitrophenol	15.08	109	14138	2.906 ng/ul	90
56) Dibenzofuran	15.29	168	123998	2.875 ng/ul	94
57) 2,4-Dinitrotoluene	15.24	165	24308	2.508 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.52	232	21614	2.600 ng/ul#	94
59) Diethylphthalate	15.69	149	101879	2.777 ng/ul	99
61) Fluorene	15.94	166	104890	2.922 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.92	204	51528	2.913 ng/ul	97
63) 4-Nitroaniline	15.94	138	18992	3.560 ng/ul	92
66) 4,6-Dinitro-2-methylphenol	16.00	198	16460	2.651 ng/ul#	61
67) N-Nitrosodiphenylamine	16.13	169	85233	2.769 ng/ul	96
68) 4-Bromophenyl-phenylether	16.81	248	29971	2.724 ng/ul	94
69) Hexachlorobenzene	16.93	284	36247	2.889 ng/ul	94
70) Atrazine	17.06	200	28195	2.554 ng/ul	97
71) Pentachlorophenol	17.27	266	15738	2.173 ng/ul	92
72) Phenanthrene	17.66	178	164643	2.853 ng/ul	99
74) Anthracene	17.75	178	169494	2.882 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.71	216	41378	2.754 ng/uL	99
76) Pentachlorobenzene	15.22	250	41353	2.770 ng/uL	99
77) Carbazole	18.01	167	142815	2.860 ng/ul	99
78) Di-n-butylphthalate	18.55	149	162655	2.502 ng/ul	99
80) Fluoranthene	19.64	202	188918	2.911 ng/ul	99
82) Pyrene	20.00	202	199035	2.960 ng/ul	99
83) Butylbenzylphthalate	20.86	149	77552	2.745 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.63	252	62994	3.038 ng/ul	98
85) Benzo(a)anthracene	21.71	228	187080	2.991 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.61	149	118701	2.744 ng/ul	99
87) Chrysene	21.76	228	182043	2.969 ng/ul	99
89) Di-n-octyl phthalate	22.53	149	197592	2.623 ng/ul	100
90) Benzo(b)fluoranthene	23.39	252	181472	2.805 ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	181437	2.901 ng/ul	98
93) Benzo(a)pyrene	24.02	252	169885	2.935 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.59	276	196151	2.844 ng/ul	96
95) Dibenzo(a,h)anthracene	26.60	278	165637	2.824 ng/ul	99
96) Benzo(g,h,i)perylene	27.36	276	163507	2.827 ng/ul	97

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

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