Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031121\
Data File : BN013912.D
Acq On : 11 Mar 2021 12:03
Operator : CG/JU
Sample : M1534-07
Misc : SOM-MDL-W-07
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-07

Quant Time: Mar 11 12:33:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 09:36:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	170922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	709298	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	424781	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	857537	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	873257	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	842253	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16878	3.92	ng/uL	0.00
5) Phenol-d5	6.88	99	404508	29.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	268653	31.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	330188	31.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	305461	29.18	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	149975	31.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	144126	31.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	292378	29.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	417111	34.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	876363	30.72	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1138876	30.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	140348	26.23	ng/ul	0.00
58) Fluorene-d10	15.35	176	787149	31.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	97321	24.42	ng/ul	0.00
71) Anthracene-d10	17.19	188	1177848	31.43	ng/ul	0.00
79) Pyrene-d10	19.48	212	1263371	29.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1365475	32.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3789	0.867	ng/uL#	90
4) Benzaldehyde	6.86	77	31611	4.543	ng/ul	97
6) Phenol	6.90	94	50387	3.401	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	40577	3.502	ng/ul	97
10) 2-Chlorophenol	7.28	128	39208	3.482	ng/ul	98
11) 2-Methylphenol	8.15	108	32352	3.027	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	60570	3.423	ng/ul	98
14) Acetophenone	8.53	105	58735	3.405	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	26836	3.135	ng/ul	97
16) 4-Methylphenol	8.48	108	38554	3.325	ng/ul	98
17) Hexachloroethane	8.79	117	16185	3.388	ng/ul	96
20) Nitrobenzene	8.90	77	46347	3.570	ng/ul	99
21) Isophorone	9.43	82	67669	2.972	ng/ul	99
23) 2-Nitrophenol	9.62	139	18594	3.506	ng/ul	99
24) 2,4-Dimethylphenol	9.68	107	40492	3.241	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.92	93	51954	3.418	ng/ul	100
27) 2,4-Dichlorophenol	10.14	162	35852	3.518	ng/ul	94
28) Naphthalene	10.55	128	128841	3.504	ng/ul	100
30) 4-Chloroaniline	10.65	127	51159	4.015	ng/ul	97
31) Hexachlorobutadiene	10.83	225	22325	3.440	ng/ul	98
32) Caprolactam	11.42	113	6091	1.974	ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	29501	2.840	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	88270	3.514	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	85999	3.552 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	44280	3.462 ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	22950	3.014 ng/ul	97
39) 2,4,6-Trichlorophenol	12.78	196	19015	2.576 ng/ul	99
40) 2,4,5-Trichlorophenol	12.84	196	23823	2.942 ng/ul	96
41) 1,1'-Biphenyl	13.18	154	112035	3.507 ng/ul	100
42) 2-Chloronaphthalene	13.22	162	88026	3.525 ng/ul	99
43) 2-Nitroaniline	13.42	65	16297	2.517 ng/ul	98
45) Dimethylphthalate	13.80	163	104464	3.540 ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	13936	2.635 ng/ul	95
48) Acenaphthylene	14.07	152	130573	3.570 ng/ul	99
49) 3-Nitroaniline	14.25	138	15718	2.733 ng/ul	97
50) Acenaphthene	14.41	153	92955	3.484 ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	4561	1.638 ng/ul	92
53) 4-Nitrophenol	14.55	109	13780	3.197 ng/ul	91
54) Dibenzofuran	14.75	168	132493	3.602 ng/ul	98
55) 2,4-Dinitrotoluene	14.71	165	22024	2.915 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	14.97	232	17004	2.720 ng/ul#	97
57) Diethylphthalate	15.17	149	95114	3.225 ng/ul	99
59) Fluorene	15.40	166	106528	3.559 ng/ul	91
60) 4-Chlorophenyl-phenylether	15.40	204	51130	3.561 ng/ul	96
61) 4-Nitroaniline	15.41	138	16676	2.531 ng/ul#	87
64) 4,6-Dinitro-2-methylphenol	15.47	198	11669	2.779 ng/ul#	62
65) N-Nitrosodiphenylamine	15.61	169	84847	3.436 ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	27893	3.396 ng/ul	95
67) Hexachlorobenzene	16.40	284	32797	3.343 ng/ul	93
68) Atrazine	16.56	200	21653	2.537 ng/ul	95
69) Pentachlorophenol	16.74	266	10302	1.993 ng/ul	88
70) Phenanthrene	17.13	178	168872	3.635 ng/ul	98
72) Anthracene	17.22	178	170249	3.605 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	44219	3.521 ng/uL	98
74) Pentachlorobenzene	14.67	250	41317	3.493 ng/uL	97
75) Carbazole	17.49	167	133391	3.165 ng/ul	100
76) Di-n-butylphthalate	18.06	149	124414	2.639 ng/ul	99
77) Fluoranthene	19.15	202	167719	3.265 ng/ul	97
80) Pyrene	19.51	202	195977	3.485 ng/ul	99
81) Butylbenzylphthalate	20.42	149	42142	2.177 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.19	252	37842	2.309 ng/ul	97
83) Benzo(a)anthracene	21.25	228	171624	3.193 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	66054	2.039 ng/ul	100
85) Chrysene	21.30	228	175392	3.353 ng/ul	97
87) Di-n-octyl phthalate	22.06	149	104088	1.978 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	171229	3.346 ng/ul	98
89) Benzo(k)fluoranthene	22.86	252	165423	3.222 ng/ul	97
91) Benzo(a)pyrene	23.39	252	165184	3.561 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.72	276	188985	3.261 ng/ul	95
93) Dibenzo(a,h)anthracene	25.73	278	156272	3.162 ng/ul	98
94) Benzo(g,h,i)perylene	26.40	276	152685	3.136 ng/ul	99

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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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