Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
Data File : BN013966.D
Acq On : 17 Mar 2021 12:27
Operator : CG/JU
Sample : M1344-01
Misc : SFAM-MDL-W-01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-QT2-2021-03

Quant Time: Mar 17 12:56:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 10:09:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	138664	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	569681	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	336090	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	687903	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	695872	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	721371	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	18232	5.17	ng/uL	0.00
4) Pyridine-d5	3.61	84	271595	28.14	ng/ul	0.00
7) Phenol-d5	6.88	99	398107	33.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	261251	35.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	327129	36.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	304199	33.74	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	146187	36.81	ng/ul	0.00
24) 2-Nitrophenol-d4	9.57	143	141871	37.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.11	165	285124	35.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	417601	33.60	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	857501	36.79	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	1129030	39.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.54	143	142503	31.52	ng/ul	0.00
60) Fluorene-d10	15.34	176	775823	37.40	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	99068	28.81	ng/ul	0.00
73) Anthracene-d10	17.19	188	1134750	35.81	ng/ul	0.00
81) Pyrene-d10	19.49	212	1258590	35.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1363202	37.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	4051	1.120	ng/uL	88
5) Pyridine	3.63	79	46187	4.648	ng/ul#	63
6) Benzaldehyde	6.85	77	30265	5.198	ng/ul	98
8) Phenol	6.90	94	58263	4.561	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.13	93	46708	4.661	ng/ul	98
12) 2-Chlorophenol	7.27	128	46076	4.789	ng/ul	96
13) 2-Methylphenol	8.14	108	37876	4.104	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.23	45	69253	4.600	ng/ul	100
16) Acetophenone	8.52	105	67225	4.493	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.51	70	30516	4.403	ng/ul	97
18) 4-Methylphenol	8.47	108	44993	4.455	ng/ul	96
19) Hexachloroethane	8.78	117	18886	4.746	ng/ul	97
22) Nitrobenzene	8.90	77	53110	4.966	ng/ul	96
23) Isophorone	9.42	82	74994	4.145	ng/ul	99
25) 2-Nitrophenol	9.60	139	22745	5.160	ng/ul	95
26) 2,4-Dimethylphenol	9.67	107	47699	4.597	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.90	93	57664	4.597	ng/ul	98
29) 2,4-Dichlorophenol	10.13	162	41640	4.900	ng/ul	93
30) Naphthalene	10.54	128	151026	4.828	ng/ul	100
32) 4-Chloroaniline	10.65	127	61260	4.759	ng/ul	98
33) Hexachlorobutadiene	10.83	225	25648	4.751	ng/ul	96
34) Caprolactam	11.42	113	7431	2.916	ng/ul	88

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35) 4-Chloro-3-methylphenol	11.77	107	35319	4.102	ng/ul	100
36) 2-Methylnaphthalene	12.15	142	100328	4.719	ng/ul	100
37) 1-Methylnaphthalene	12.37	142	98703	4.681	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	50383	4.758	ng/ul	97
40) Hexachlorocyclopentadiene	12.51	237	25560	3.995	ng/ul	97
41) 2,4,6-Trichlorophenol	12.77	196	22719	3.844	ng/ul	98
42) 2,4,5-Trichlorophenol	12.83	196	25965	3.926	ng/ul	96
43) 1,1'-Biphenyl	13.17	154	127304	4.727	ng/ul	98
44) 2-Chloronaphthalene	13.22	162	101488	4.838	ng/ul	99
45) 2-Nitroaniline	13.42	65	18491	3.634	ng/ul	94
47) Dimethylphthalate	13.80	163	118684	4.856	ng/ul	100
48) 2,6-Dinitrotoluene	13.92	165	15827	3.652	ng/ul	92
50) Acenaphthylene	14.07	152	148413	4.860	ng/ul	99
51) 3-Nitroaniline	14.25	138	17056	3.296	ng/ul	99
52) Acenaphthene	14.41	153	106638	4.796	ng/ul	97
53) 2,4-Dinitrophenol	14.46	184	5905	2.461	ng/ul	97
55) 4-Nitrophenol	14.55	109	15902	4.321	ng/ul	84
56) Dibenzofuran	14.75	168	152478	4.961	ng/ul	99
57) 2,4-Dinitrotoluene	14.70	165	25803	4.149	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.97	232	20620	4.026	ng/ul	92
59) Diethylphthalate	15.17	149	108816	4.559	ng/ul	99
61) Fluorene	15.39	166	122147	4.922	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.39	204	59248	4.947	ng/ul	97
63) 4-Nitroaniline	15.41	138	18727	3.655	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.47	198	15134	4.170	ng/ul#	89
67) N-Nitrosodiphenylamine	15.60	169	96065	4.589	ng/ul	97
68) 4-Bromophenyl-phenylether	16.29	248	32779	4.663	ng/ul	98
69) Hexachlorobenzene	16.40	284	39708	4.874	ng/ul	91
70) Atrazine	16.56	200	26214	3.699	ng/ul	93
71) Pentachlorophenol	16.74	266	12795	2.926	ng/ul	99
72) Phenanthrene	17.13	178	191750	4.891	ng/ul	98
74) Anthracene	17.22	178	197368	4.927	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	50842	4.744	ng/uL	97
76) Pentachlorobenzene	14.66	250	45162	4.222	ng/uL	96
77) Carbazole	17.49	167	157650	4.430	ng/ul	99
78) Di-n-butylphthalate	18.06	149	141643	3.857	ng/ul	100
80) Fluoranthene	19.15	202	196780	4.487	ng/ul	97
82) Pyrene	19.51	202	222749	4.735	ng/ul	99
83) Butylbenzylphthalate	20.42	149	49180	3.289	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.19	252	43044	3.514	ng/ul	97
85) Benzo(a)anthracene	21.26	228	207110	4.634	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.19	149	78526	3.398	ng/ul	99
87) Chrysene	21.30	228	212654	4.848	ng/ul	98
89) Di-n-octyl phthalate	22.07	149	126707	2.791	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	207599	4.528	ng/ul	100
91) Benzo(k)fluoranthene	22.87	252	205581	4.466	ng/ul	99
93) Benzo(a)pyrene	23.40	252	196913	4.770	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.74	276	236822	4.554	ng/ul	98
95) Dibenzo(a,h)anthracene	25.75	278	198979	4.540	ng/ul	96
96) Benzo(g,h,i)perylene	26.42	276	196601	4.569	ng/ul	99

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

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