Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012021\
Data File : BN013431.D
Acq On : 20 Jan 2021 10:07
Operator : CG/JU
Sample : L5214-02
Misc : SFAM-MDLW-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2021-02

Manual Integrations APPROVED
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1/22/2021 11:50:53 AM

Quant Time: Jan 20 10:38:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 20 09:33:01 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	476349	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1844469	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	978925	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1736241	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1422397	20.00	ng/ul	0.00
88) Perylene-d12	23.35	264	1457238	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	43418	3.63	ng/uL	0.00
4) Pyridine-d5	3.57	84	588814	18.99	ng/ul	0.00
7) Phenol-d5	6.76	99	1369908	35.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	840882	37.39	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1192752	36.24	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	1105199	35.91	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	545016	38.15	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	560854	37.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	1015335	35.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1470724	35.40	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	2642607	35.88	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	3630192	39.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	443669	31.47	ng/ul	0.00
60) Fluorene-d10	15.22	176	2249708	34.77	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	311817	30.43	ng/ul	0.00
73) Anthracene-d10	17.07	188	3105860	36.82	ng/ul	0.00
81) Pyrene-d10	19.37	212	2991676	36.73	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2796637	36.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	16128	1.306	ng/uL	96
5) Pyridine	3.59	79	126087	4.025	ng/ul#	79
6) Benzaldehyde	6.74	77	74155	5.129	ng/ul	96
8) Phenol	6.79	94	162254	4.108	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.02	93	138258	4.271	ng/ul	99
12) 2-Chlorophenol	7.15	128	140604	4.134	ng/ul	98
13) 2-Methylphenol	8.02	108	110383	3.668	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.11	45	188731	4.178	ng/ul	98
16) Acetophenone	8.40	105	185711	3.977	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.39	70	77292	3.665	ng/ul	97
18) 4-Methylphenol	8.35	108	127494	3.935	ng/ul	95
19) Hexachloroethane	8.65	117	55092	3.947	ng/ul	94
22) Nitrobenzene	8.77	77	137616	4.246	ng/ul	99
23) Isophorone	9.29	82	193203	3.364	ng/ul	98
25) 2-Nitrophenol	9.48	139	69363	4.151	ng/ul	97
26) 2,4-Dimethylphenol	9.54	107	131050	4.028	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.78	93	157488	3.983	ng/ul	98
29) 2,4-Dichlorophenol	10.00	162	119135	4.139	ng/ul	93
30) Naphthalene	10.40	128	441093	4.212	ng/ul	98
32) 4-Chloroaniline	10.51	127	161131	4.022	ng/ul	98
33) Hexachlorobutadiene	10.69	225	75979	4.041	ng/ul	97
34) Caprolactam	11.29	113	18440m	2.206	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	96619	3.367	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	287731	4.083	ng/ul	93
37) 1-Methylnaphthalene	12.24	142	279206	4.111	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	139168	4.431	ng/ul	99
40) Hexachlorocyclopentadiene	12.37	237	71499	3.689	ng/ul	97
41) 2,4,6-Trichlorophenol	12.63	196	65056	3.413	ng/ul	96
42) 2,4,5-Trichlorophenol	12.70	196	74901	3.610	ng/ul	98
43) 1,1'-Biphenyl	13.05	154	356952	4.330	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	277498	4.271	ng/ul	100
45) 2-Nitroaniline	13.29	65	46656	3.195	ng/ul	96
47) Dimethylphthalate	13.69	163	301706	3.972	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	44694	3.071	ng/ul#	94
50) Acenaphthylene	13.94	152	402424	4.218	ng/ul	99
51) 3-Nitroaniline	14.12	138	43606	3.228	ng/ul	100
52) Acenaphthene	14.29	153	282381	4.149	ng/ul	97
53) 2,4-Dinitrophenol	14.33	184	15296	1.877	ng/ul	98
55) 4-Nitrophenol	14.43	109	38937	3.850	ng/ul	92
56) Dibenzofuran	14.62	168	385853	4.183	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	67687	3.272	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.85	232	51345	3.067	ng/ul#	96
59) Diethylphthalate	15.06	149	263006	3.551	ng/ul	99
61) Fluorene	15.27	166	307307	4.179	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	151559	4.222	ng/ul	96
63) 4-Nitroaniline	15.29	138	40713	3.387	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.35	198	40257	3.624	ng/ul#	86
67) N-Nitrosodiphenylamine	15.49	169	240186	4.273	ng/ul	97
68) 4-Bromophenyl-phenylether	16.17	248	80192	4.090	ng/ul	94
69) Hexachlorobenzene	16.27	284	92910	4.191	ng/ul	97
70) Atrazine	16.45	200	58019	3.092	ng/ul	97
71) Pentachlorophenol	16.62	266	30814	2.457	ng/ul	96
72) Phenanthrene	17.01	178	437569	4.192	ng/ul	99
74) Anthracene	17.10	178	443672	4.215	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	135016	4.817	ng/uL	95
76) Pentachlorobenzene	14.54	250	121531	4.455	ng/uL	98
77) Carbazole	17.37	167	335365	3.876	ng/ul	99
78) Di-n-butylphthalate	17.96	149	302554	2.927	ng/ul	99
80) Fluoranthene	19.03	202	409460	3.867	ng/ul	99
82) Pyrene	19.40	202	464024	4.253	ng/ul	99
83) Butylbenzylphthalate	20.33	149	94724	2.472	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.10	252	59866	2.246	ng/ul	96
85) Benzo(a)anthracene	21.16	228	383556	4.050	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	140325	2.541	ng/ul	99
87) Chrysene	21.20	228	405311	4.343	ng/ul	99
89) Di-n-octyl phthalate	21.98	149	221847	2.332	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	382081	3.885	ng/ul	100
91) Benzo(k)fluoranthene	22.74	252	401286	4.148	ng/ul	98
93) Benzo(a)pyrene	23.26	252	372853	4.242	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.52	276	458691	4.622	ng/ul	99
95) Dibenzo(a,h)anthracene	25.54	278	384515	4.635	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	376901	4.526	ng/ul	99

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

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