

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077697.D
 Acq On : 16 May 2023 17:02
 Operator : JC\MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 17 05:01:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	350896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	663358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	289271	55.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.200%			
35) Dibromofluoromethane	8.171	113	224818	51.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.940%			
50) Toluene-d8	10.577	98	849181	51.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.853	95	268799	45.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	4110	1.029	ug/l	74
3) Chloromethane	2.365	50	5780	1.207	ug/l #	82
4) Vinyl Chloride	2.518	62	5919	1.176	ug/l #	85
5) Bromomethane	2.971	94	6160m	1.654	ug/l	
6) Chloroethane	3.136	64	5753	1.586	ug/l #	85
7) Trichlorofluoromethane	3.506	101	7930	1.130	ug/l	95
8) Diethyl Ether	3.971	74	3095	1.208	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	3803m	0.979	ug/l	
10) Methyl Iodide	4.606	142	5260	1.136	ug/l #	93
11) Tert butyl alcohol	5.548	59	5199m	7.175	ug/l	
12) 1,1-Dichloroethene	4.353	96	4033	1.093	ug/l #	45
13) Acrolein	4.195	56	2779	5.393	ug/l #	67
14) Allyl chloride	5.036	41	6279	1.158	ug/l #	67
15) Acrylonitrile	5.724	53	10898	5.630	ug/l #	88
16) Acetone	4.448	43	10496	6.354	ug/l	95
17) Carbon Disulfide	4.724	76	9798	0.985	ug/l #	94
18) Methyl Acetate	5.048	43	7736	1.116	ug/l #	73
19) Methyl tert-butyl Ether	5.812	73	12791	0.958	ug/l #	81
20) Methylene Chloride	5.277	84	7239	1.463	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	4500	1.085	ug/l #	75
22) Diisopropyl ether	6.683	45	12655	0.996	ug/l #	81
23) Vinyl Acetate	6.612	43	43974	5.585	ug/l #	87
24) 1,1-Dichloroethane	6.583	63	8358	1.074	ug/l #	81
25) 2-Butanone	7.500	43	14742	5.705	ug/l	93
26) 2,2-Dichloropropane	7.494	77	6796	1.027	ug/l	89
27) cis-1,2-Dichloroethene	7.494	96	5146	1.035	ug/l	85
28) Bromochloromethane	7.818	49	2903	0.862	ug/l	90
29) Tetrahydrofuran	7.853	42	9067	5.359	ug/l #	66
30) Chloroform	7.971	83	8486	0.991	ug/l #	74
31) Cyclohexane	8.236	56	14144m	1.982	ug/l	
32) 1,1,1-Trichloroethane	8.183	97	7704	1.058	ug/l #	41
36) 1,1-Dichloropropene	8.371	75	6443	1.018	ug/l	95
37) Ethyl Acetate	7.571	43	6386	1.132	ug/l #	94
38) Carbon Tetrachloride	8.371	117	5976	0.935	ug/l	96
39) Methylcyclohexane	9.606	83	7013	0.905	ug/l #	69
40) Benzene	8.612	78	19275	1.032	ug/l #	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077697.D
 Acq On : 16 May 2023 17:02
 Operator : JC\MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 17 05:01:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	2480	0.826	ug/l #	73
42) 1,2-Dichloroethane	8.671	62	7858	1.159	ug/l	95
43) Isopropyl Acetate	8.700	43	9585	1.041	ug/l	99
44) Trichloroethene	9.359	130	4780	1.011	ug/l	95
45) 1,2-Dichloropropane	9.630	63	4572	0.960	ug/l #	89
46) Dibromomethane	9.718	93	3611	1.060	ug/l	94
47) Bromodichloromethane	9.900	83	6993	1.072	ug/l #	82
48) Methyl methacrylate	9.683	41	4454	1.020	ug/l	86
49) 1,4-Dioxane	9.700	88	1501	18.197	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	28226	5.155	ug/l	87
52) Toluene	10.641	92	12642	1.088	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	6141	0.889	ug/l	95
54) cis-1,3-Dichloropropene	10.324	75	6927	0.910	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	4852	1.051	ug/l #	85
56) Ethyl methacrylate	10.882	69	5442	0.780	ug/l #	79
57) 1,3-Dichloropropane	11.171	76	7715	0.975	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	15789	4.599	ug/l	94
59) 2-Hexanone	11.206	43	21626	5.340	ug/l	84
60) Dibromochloromethane	11.365	129	3889	0.816	ug/l	92
61) 1,2-Dibromoethane	11.477	107	4247	0.922	ug/l	93
64) Tetrachloroethene	11.112	164	4185	1.076	ug/l	92
65) Chlorobenzene	11.900	112	12557	1.041	ug/l #	78
66) 1,1,1,2-Tetrachloroethane	11.971	131	4308	1.032	ug/l #	63
67) Ethyl Benzene	11.971	91	19954	0.923	ug/l	99
68) m/p-Xylenes	12.077	106	14820	1.810	ug/l	97
69) o-Xylene	12.412	106	7434	0.923	ug/l	98
70) Styrene	12.418	104	11406	0.892	ug/l	94
71) Bromoform	12.582	173	2283	0.822	ug/l #	75
73) Isopropylbenzene	12.700	105	18965	0.996	ug/l	98
74) N-amyl acetate	12.500	43	6848	0.973	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.947	83	6556	1.119	ug/l	93
76) 1,2,3-Trichloropropane	13.006	75	5272m	0.953	ug/l	
77) Bromobenzene	12.988	156	4937	1.136	ug/l	94
78) n-propylbenzene	13.041	91	22746	1.013	ug/l	94
79) 2-Chlorotoluene	13.129	91	14160	1.057	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	15071	0.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	1593m	0.920	ug/l	
82) 4-Chlorotoluene	13.229	91	13321	0.999	ug/l	100
83) tert-Butylbenzene	13.441	119	14115	1.010	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	15121	0.960	ug/l	97
85) sec-Butylbenzene	13.623	105	18324	0.923	ug/l	97
86) p-Isopropyltoluene	13.741	119	14494	0.915	ug/l	96
87) 1,3-Dichlorobenzene	13.747	146	8385	1.043	ug/l	93
88) 1,4-Dichlorobenzene	13.818	146	8205m	1.029	ug/l	
89) n-Butylbenzene	14.059	91	11845	0.813	ug/l	93
90) Hexachloroethane	14.341	117	2544	0.978	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	8067	1.074	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1341	1.182	ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	3910	0.891	ug/l	91
94) Hexachlorobutadiene	15.506	225	1554	0.853	ug/l	65
95) Naphthalene	15.653	128	13386	0.886	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.853	180	3875	0.902	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
Data File : VN077697.D
Acq On : 16 May 2023 17:02
Operator : JC\MD
Sample : 02213-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:01:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Wed May 17 04:54:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

