

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079782.D
 Acq On : 01 Nov 2023 19:30
 Operator : JC\MD
 Sample : 04699-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Nov 02 05:58:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	255914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	415230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233529	59.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.800%			
35) Dibromofluoromethane	8.171	113	178465	53.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.640%			
50) Toluene-d8	10.571	98	629688	51.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.853	95	193950	47.910	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	3654	1.185	ug/l	93
3) Chloromethane	2.359	50	7392	1.234	ug/l	99
4) Vinyl Chloride	2.512	62	5653	1.401	ug/l #	71
5) Bromomethane	2.953	94	4403	1.796	ug/l	95
6) Chloroethane	3.112	64	6617m	2.075	ug/l	
7) Trichlorofluoromethane	3.501	101	6826	1.360	ug/l #	78
8) Diethyl Ether	3.971	74	2583	1.356	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	3294	1.132	ug/l #	79
10) Methyl Iodide	4.600	142	3949m	1.189	ug/l	
11) Tert butyl alcohol	5.530	59	3774	7.583	ug/l #	79
13) Acrolein	4.183	56	1883	6.530	ug/l #	79
14) Allyl chloride	5.024	41	5730	1.358	ug/l #	74
15) Acrylonitrile	5.712	53	9969	6.427	ug/l #	74
16) Acetone	4.436	43	9415	6.875	ug/l	93
17) Carbon Disulfide	4.712	76	10311	1.298	ug/l #	93
18) Methyl Acetate	5.030	43	8934	1.363	ug/l #	84
22) Diisopropyl ether	6.683	45	11046	1.130	ug/l #	87
23) Vinyl Acetate	6.612	43	27673m	5.131	ug/l	
25) 2-Butanone	7.494	43	13153	6.558	ug/l #	72
26) 2,2-Dichloropropane	7.494	77	5648	1.149	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	4428	1.205	ug/l	81
28) Bromochloromethane	7.824	49	3251	1.123	ug/l #	59
29) Tetrahydrofuran	7.847	42	8234	6.311	ug/l #	73
32) 1,1,1-Trichloroethane	8.165	97	6908	1.313	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	5546	1.171	ug/l	91
37) Ethyl Acetate	7.565	43	5578	1.285	ug/l #	79
38) Carbon Tetrachloride	8.359	117	5824	1.221	ug/l #	90
41) Methacrylonitrile	7.783	41	3173	1.376	ug/l #	75
42) 1,2-Dichloroethane	8.665	62	7467	1.508	ug/l	91
43) Isopropyl Acetate	8.694	43	8396	1.103	ug/l #	79
46) Dibromomethane	9.706	93	3352	1.355	ug/l	95
48) Methyl methacrylate	9.682	41	3480	1.043	ug/l #	77
49) 1,4-Dioxane	9.694	88	980	16.629	ug/l #	54
51) 4-Methyl-2-Pentanone	10.447	43	23579	5.500	ug/l #	83
52) Toluene	10.635	92	9951	1.184	ug/l	89
56) Ethyl methacrylate	10.876	69	4936	1.023	ug/l #	83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079782.D
 Acq On : 01 Nov 2023 19:30
 Operator : JC\MD
 Sample : 04699-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Nov 02 05:58:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

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

57) 1,3-Dichloropropane	11.171	76	6644	1.115	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	10754	4.399	ug/l #	87
59) 2-Hexanone	11.200	43	18003	5.490	ug/l	85
60) Dibromochloromethane	11.353	129	4324	1.195	ug/l	100
61) 1,2-Dibromoethane	11.471	107	4241	1.250	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	3765	1.160	ug/l #	62
68) m/p-Xylenes	12.076	106	10982	1.879	ug/l	94
69) o-Xylene	12.400	106	6110	1.085	ug/l	84
70) Styrene	12.418	104	8258	0.913	ug/l	96
71) Bromoform	12.582	173	2682	1.164	ug/l #	92
73) Isopropylbenzene	12.694	105	12247	0.948	ug/l	98
74) N-amyl acetate	12.500	43	5246	0.930	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5932	1.295	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	6086m	1.523	ug/l	
77) Bromobenzene	12.988	156	4344	1.373	ug/l	97
78) n-propylbenzene	13.035	91	16099	1.088	ug/l	96
79) 2-Chlorotoluene	13.129	91	11658	1.233	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	10005	0.995	ug/l	98
82) 4-Chlorotoluene	13.223	91	10317	1.098	ug/l	99
83) tert-Butylbenzene	13.441	119	8061	0.980	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	8581	0.868	ug/l	92
85) sec-Butylbenzene	13.617	105	10761	0.944	ug/l	99
86) p-Isopropyltoluene	13.729	119	8016	0.862	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	6237	1.060	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	7714m	1.291	ug/l	
89) n-Butylbenzene	14.065	91	7537	0.941	ug/l	98
90) Hexachloroethane	14.335	117	2214	1.203	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	6704	1.207	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	976	1.256	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	2763	1.046	ug/l	89
94) Hexachlorobutadiene	15.506	225	1595	1.332	ug/l	86
95) Naphthalene	15.647	128	7857	0.877	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	3064	1.183	ug/l	96

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

