

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079859.D
 Acq On : 03 Nov 2023 19:14
 Operator : JC\MD
 Sample : 04699-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Nov 04 00:56:21 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 11/04/2023
 Supervised By : Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	243605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	444624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	408963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240259	64.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.480%#			
35) Dibromofluoromethane	8.171	113	179284	56.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.940%			
50) Toluene-d8	10.571	98	618712	53.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.853	95	179920	46.829	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	2433	0.829	ug/l	78
3) Chloromethane	2.359	50	4585	0.578	ug/l	95
4) Vinyl Chloride	2.512	62	4089	1.065	ug/l #	60
5) Bromomethane	2.965	94	3021	1.294	ug/l #	66
6) Chloroethane	3.118	64	2290	0.755	ug/l #	64
7) Trichlorofluoromethane	3.500	101	4440	0.929	ug/l	84
8) Diethyl Ether	3.983	74	1360	0.750	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	4.359	101	2294m	0.828	ug/l	
10) Methyl Iodide	4.600	142	2061m	0.652	ug/l	
11) Tert butyl alcohol	5.518	59	2805m	5.921	ug/l	
12) 1,1-Dichloroethene	4.347	96	2308	0.880	ug/l	85
13) Acrolein	4.183	56	1363m	5.582	ug/l	
14) Allyl chloride	5.024	41	3696	0.920	ug/l #	62
15) Acrylonitrile	5.730	53	6042	4.092	ug/l	97
16) Acetone	4.442	43	7186	5.512	ug/l #	74
17) Carbon Disulfide	4.718	76	6539	0.865	ug/l #	90
18) Methyl Acetate	5.047	43	5830m	0.935	ug/l	
19) Methyl tert-butyl Ether	5.800	73	6551	0.726	ug/l	97
20) Methylene Chloride	5.283	84	3788m	1.152	ug/l	
21) trans-1,2-Dichloroethene	5.788	96	2314	0.791	ug/l	91
22) Diisopropyl ether	6.677	45	6796	0.730	ug/l #	85
23) Vinyl Acetate	6.606	43	17561	3.421	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	5163	0.913	ug/l #	81
25) 2-Butanone	7.494	43	7833	4.103	ug/l	89
26) 2,2-Dichloropropane	7.488	77	3451	0.738	ug/l	87
27) cis-1,2-Dichloroethene	7.488	96	2800	0.800	ug/l	72
28) Bromochloromethane	7.818	49	2826	1.025	ug/l #	81
29) Tetrahydrofuran	7.859	42	4618	3.718	ug/l #	75
30) Chloroform	7.965	83	6122	0.996	ug/l	83
31) Cyclohexane	8.229	56	10679	2.177	ug/l #	44
32) 1,1,1-Trichloroethane	8.171	97	4501	0.899	ug/l #	46
36) 1,1-Dichloropropene	8.377	75	3520	0.783	ug/l	93
37) Ethyl Acetate	7.577	43	3681	0.893	ug/l #	71
38) Carbon Tetrachloride	8.365	117	3858	0.852	ug/l #	81
39) Methylcyclohexane	9.600	83	2837	0.671	ug/l	91
40) Benzene	8.606	78	11582	0.861	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079859.D
 Acq On : 03 Nov 2023 19:14
 Operator : JC\MD
 Sample : 04699-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Nov 04 00:56:21 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 11/04/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	1397	0.638	ug/l #	76
42) 1,2-Dichloroethane	8.677	62	4633	0.986	ug/l	84
43) Isopropyl Acetate	8.700	43	5266	0.729	ug/l #	82
44) Trichloroethene	9.359	130	2782	0.833	ug/l	82
45) 1,2-Dichloropropane	9.629	63	3066	0.891	ug/l #	88
46) Dibromomethane	9.712	93	2222	0.946	ug/l	95
47) Bromodichloromethane	9.888	83	4543	0.907	ug/l	92
48) Methyl methacrylate	9.688	41	2461	0.777	ug/l #	76
49) 1,4-Dioxane	9.694	88	593	10.602	ug/l #	48
51) 4-Methyl-2-Pentanone	10.447	43	14918	3.667	ug/l #	79
52) Toluene	10.629	92	6550	0.821	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	3509	0.715	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	3725	0.696	ug/l #	70
55) 1,1,2-Trichloroethane	11.018	97	2824	0.880	ug/l	91
56) Ethyl methacrylate	10.882	69	3147	0.688	ug/l #	71
57) 1,3-Dichloropropane	11.170	76	4878	0.862	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	6586	2.839	ug/l #	81
59) 2-Hexanone	11.200	43	9702	3.117	ug/l	82
60) Dibromochloromethane	11.365	129	3248	0.946	ug/l	89
61) 1,2-Dibromoethane	11.476	107	2671	0.829	ug/l	87
64) Tetrachloroethene	11.100	164	2830	1.068	ug/l #	80
65) Chlorobenzene	11.888	112	6388	0.720	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	11.965	131	2514	0.787	ug/l #	64
67) Ethyl Benzene	11.970	91	10762	0.696	ug/l	97
68) m/p-Xylenes	12.076	106	7615	1.323	ug/l	92
69) o-Xylene	12.406	106	3399	0.613	ug/l	98
70) Styrene	12.417	104	5214	0.585	ug/l	95
71) Bromoform	12.588	173	1626	0.716	ug/l #	86
73) Isopropylbenzene	12.700	105	7706	0.664	ug/l	97
74) N-amyl acetate	12.494	43	3426	0.677	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	4307	1.047	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	3796m	1.058	ug/l	
77) Bromobenzene	12.982	156	2628	0.925	ug/l	90
78) n-propylbenzene	13.041	91	9898	0.745	ug/l	95
79) 2-Chlorotoluene	13.129	91	6554	0.772	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	6509	0.721	ug/l	98
82) 4-Chlorotoluene	13.229	91	6615	0.784	ug/l	94
83) tert-Butylbenzene	13.435	119	4858	0.658	ug/l	89
84) 1,2,4-Trimethylbenzene	13.488	105	5384	0.606	ug/l	86
85) sec-Butylbenzene	13.611	105	6412	0.626	ug/l	90
86) p-Isopropyltoluene	13.735	119	4839	0.580	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	4204	0.796	ug/l	93
88) 1,4-Dichlorobenzene	13.811	146	5019m	0.936	ug/l	
89) n-Butylbenzene	14.059	91	4830	0.672	ug/l	93
90) Hexachloroethane	14.341	117	1381	0.836	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	3829	0.768	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.729	75	781	1.120	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	1558	0.657	ug/l	92
94) Hexachlorobutadiene	15.506	225	1141	1.061	ug/l	85
95) Naphthalene	15.641	128	4110	0.511	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	1610m	0.693	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
Data File : VN079859.D
Acq On : 03 Nov 2023 19:14
Operator : JC\MD
Sample : 04699-09 0.75PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 00:56:21 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

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

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

Manual Integrations

Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

[illegible]