

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079860.D
 Acq On : 03 Nov 2023 19:38
 Operator : JC\MD
 Sample : 04699-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Nov 04 00:57:09 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	8.230	168	257796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	476315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	430273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	246081	62.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.300%#			
35) Dibromofluoromethane	8.171	113	187255	55.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.100%			
50) Toluene-d8	10.571	98	668814	53.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.853	95	200900	48.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	8560	2.757	ug/l	85
3) Chloromethane	2.359	50	13272	2.710	ug/l	97
4) Vinyl Chloride	2.512	62	13816	3.399	ug/l	98
5) Bromomethane	2.942	94	9172	3.714	ug/l	98
6) Chloroethane	3.112	64	10358m	3.225	ug/l	
7) Trichlorofluoromethane	3.501	101	15375	3.041	ug/l	87
8) Diethyl Ether	3.959	74	4658	2.428	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.365	101	8602	2.935	ug/l #	86
10) Methyl Iodide	4.595	142	8015	2.395	ug/l #	91
11) Tert butyl alcohol	5.524	59	7253	14.466	ug/l #	83
12) 1,1-Dichloroethene	4.342	96	7942	2.862	ug/l #	68
13) Acrolein	4.189	56	4729	12.468	ug/l	94
14) Allyl chloride	5.030	41	11040	2.598	ug/l	88
15) Acrylonitrile	5.718	53	22318	14.284	ug/l	98
16) Acetone	4.436	43	21299	15.438	ug/l #	82
17) Carbon Disulfide	4.712	76	23191	2.897	ug/l	96
18) Methyl Acetate	5.042	43	19234	2.914	ug/l #	42
19) Methyl tert-butyl Ether	5.789	73	24070	2.519	ug/l #	85
20) Methylene Chloride	5.277	84	12394	3.560	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	8204	2.651	ug/l #	79
22) Diisopropyl ether	6.677	45	25471	2.586	ug/l	94
23) Vinyl Acetate	6.612	43	67068	12.345	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	18046	3.014	ug/l	97
25) 2-Butanone	7.489	43	27790	13.756	ug/l	92
26) 2,2-Dichloropropane	7.494	77	12773	2.580	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	9867	2.665	ug/l	87
28) Bromochloromethane	7.818	49	8869	3.040	ug/l #	75
29) Tetrahydrofuran	7.847	42	17529	13.336	ug/l #	73
30) Chloroform	7.971	83	21633	3.327	ug/l	91
31) Cyclohexane	8.247	56	19681	3.792	ug/l #	86
32) 1,1,1-Trichloroethane	8.171	97	15952	3.011	ug/l #	88
36) 1,1-Dichloropropene	8.383	75	12558	2.609	ug/l	92
37) Ethyl Acetate	7.571	43	14037	3.180	ug/l #	82
38) Carbon Tetrachloride	8.365	117	13929	2.871	ug/l #	91
39) Methylcyclohexane	9.606	83	10422	2.301	ug/l #	73
40) Benzene	8.612	78	40009	2.775	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079860.D
 Acq On : 03 Nov 2023 19:38
 Operator : JC\MD
 Sample : 04699-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Nov 04 00:57:09 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	7.783	41	6608	2.819	ug/l #	78
42) 1,2-Dichloroethane	8.677	62	16374	3.251	ug/l	96
43) Isopropyl Acetate	8.694	43	19452	2.513	ug/l #	93
44) Trichloroethene	9.353	130	9308	2.602	ug/l	99
45) 1,2-Dichloropropane	9.624	63	11004	2.987	ug/l	97
46) Dibromomethane	9.712	93	7350	2.922	ug/l	96
47) Bromodichloromethane	9.888	83	16007	2.983	ug/l	88
48) Methyl methacrylate	9.682	41	8849	2.610	ug/l #	75
49) 1,4-Dioxane	9.706	88	2712	45.262	ug/l #	71
51) 4-Methyl-2-Pentanone	10.453	43	55766	12.795	ug/l #	85
52) Toluene	10.629	92	24755	2.896	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	12575	2.391	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	14303	2.495	ug/l #	87
55) 1,1,2-Trichloroethane	11.024	97	9712	2.825	ug/l	97
56) Ethyl methacrylate	10.877	69	10715	2.185	ug/l #	74
57) 1,3-Dichloropropane	11.171	76	16886	2.787	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	24198	9.736	ug/l	89
59) 2-Hexanone	11.200	43	38207	11.459	ug/l	82
60) Dibromochloromethane	11.365	129	10120	2.750	ug/l	93
61) 1,2-Dibromoethane	11.477	107	9010	2.611	ug/l	99
64) Tetrachloroethene	11.106	164	8918	3.200	ug/l	96
65) Chlorobenzene	11.894	112	25245	2.705	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	9743	2.897	ug/l	98
67) Ethyl Benzene	11.965	91	38087	2.342	ug/l	99
68) m/p-Xylenes	12.076	106	24425	4.032	ug/l	81
69) o-Xylene	12.406	106	13117	2.249	ug/l	98
70) Styrene	12.418	104	18504	1.974	ug/l	91
71) Bromoform	12.576	173	6551	2.743	ug/l #	86
73) Isopropylbenzene	12.700	105	29299	2.186	ug/l	96
74) N-amyl acetate	12.500	43	12495	2.136	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	14312	3.012	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	12483m	3.011	ug/l	
77) Bromobenzene	12.988	156	9439	2.877	ug/l	92
78) n-propylbenzene	13.035	91	39349	2.564	ug/l	98
79) 2-Chlorotoluene	13.123	91	25798	2.631	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	23795	2.282	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.735	75	3189m	2.093	ug/l	
82) 4-Chlorotoluene	13.229	91	23805	2.444	ug/l	95
83) tert-Butylbenzene	13.441	119	21515	2.521	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	23699	2.310	ug/l	99
85) sec-Butylbenzene	13.618	105	26831	2.269	ug/l	98
86) p-Isopropyltoluene	13.729	119	19638	2.037	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	16162	2.648	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	16421	2.651	ug/l	85
89) n-Butylbenzene	14.059	91	18328	2.207	ug/l	93
90) Hexachloroethane	14.335	117	5671	2.970	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	15177	2.634	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2270	2.817	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	6103	2.228	ug/l	98
94) Hexachlorobutadiene	15.494	225	3450	2.778	ug/l	92
95) Naphthalene	15.647	128	14621	1.574	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	6202	2.309	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
Data File : VN079860.D
Acq On : 03 Nov 2023 19:38
Operator : JC\MD
Sample : 04699-09 2.5PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 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 00:57:09 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

