

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080820.D
 Acq On : 30 Jan 2024 17:35
 Operator : JC\MD
 Sample : P1187-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 31 03:14:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	98873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	217877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	182538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	98256	57.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.880%			
35) Dibromofluoromethane	8.171	113	69380	52.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	10.571	98	264326	50.664	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	12.847	95	84313	46.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	1584	1.079	ug/l	83
3) Chloromethane	2.359	50	4170	1.889	ug/l	99
4) Vinyl Chloride	2.506	62	1886	1.124	ug/l	90
5) Bromomethane	2.953	94	1167	1.738	ug/l #	49
6) Chloroethane	3.118	64	2009	2.245	ug/l	99
7) Trichlorofluoromethane	3.512	101	2435	1.121	ug/l #	67
8) Diethyl Ether	3.959	74	1155	1.153	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.359	101	1317	1.040	ug/l #	48
10) Methyl Iodide	4.583	142	1226m	1.147	ug/l	
11) Tert butyl alcohol	5.536	59	1869m	6.703	ug/l	
12) 1,1-Dichloroethene	4.324	96	1698m	1.223	ug/l	
13) Acrolein	4.177	56	2087	5.935	ug/l #	81
14) Allyl chloride	5.030	41	3071	1.119	ug/l #	79
15) Acrylonitrile	5.730	53	4801	5.725	ug/l #	93
16) Acetone	4.436	43	6155	9.922	ug/l	90
17) Carbon Disulfide	4.706	76	4825	1.117	ug/l #	78
18) Methyl Acetate	5.030	43	5624m	2.601	ug/l	
19) Methyl tert-butyl Ether	5.800	73	6306m	1.290	ug/l	
20) Methylene Chloride	5.294	84	2404m	1.476	ug/l	
21) trans-1,2-Dichloroethene	5.783	96	1289	0.855	ug/l #	82
22) Diisopropyl ether	6.677	45	8005	1.323	ug/l #	83
23) Vinyl Acetate	6.612	43	21292	4.862	ug/l	95
24) 1,1-Dichloroethane	6.565	63	3484	1.135	ug/l #	85
25) 2-Butanone	7.494	43	7636	6.481	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	2480m	1.000	ug/l	
27) cis-1,2-Dichloroethene	7.494	96	1743	0.999	ug/l	91
28) Bromochloromethane	7.818	49	1858	1.143	ug/l #	98
29) Tetrahydrofuran	7.847	42	4741	5.946	ug/l #	90
30) Chloroform	7.971	83	3241	1.136	ug/l	91
31) Cyclohexane	8.235	56	7150m	2.438	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	2510	1.085	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	3033	1.224	ug/l #	77
37) Ethyl Acetate	7.571	43	3128	1.226	ug/l #	88
38) Carbon Tetrachloride	8.359	117	1920	0.962	ug/l #	84
39) Methylcyclohexane	9.600	83	2221	0.902	ug/l #	90
40) Benzene	8.606	78	7774	1.068	ug/l #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080820.D
 Acq On : 30 Jan 2024 17:35
 Operator : JC\MD
 Sample : P1187-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 31 03:14:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	1475	0.981	ug/l #	67
42) 1,2-Dichloroethane	8.665	62	3141	1.324	ug/l	81
43) Isopropyl Acetate	8.688	43	5255	1.132	ug/l #	84
44) Trichloroethene	9.353	130	1871	1.167	ug/l	65
45) 1,2-Dichloropropane	9.618	63	2392	1.214	ug/l #	71
46) Dibromomethane	9.706	93	1220	1.044	ug/l	88
47) Bromodichloromethane	9.888	83	2359	0.995	ug/l #	88
48) Methyl methacrylate	9.676	41	2612	1.160	ug/l #	89
49) 1,4-Dioxane	9.700	88	570	21.021	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	13495	5.199	ug/l	100
52) Toluene	10.635	92	4605	1.103	ug/l	91
53) t-1,3-Dichloropropene	10.841	75	2642	0.956	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	2977	0.991	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	1816	1.132	ug/l #	69
56) Ethyl methacrylate	10.882	69	2096	0.850	ug/l	94
57) 1,3-Dichloropropane	11.165	76	3287	1.088	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	6567	4.567	ug/l	99
59) 2-Hexanone	11.194	43	10120	5.019	ug/l	92
60) Dibromochloromethane	11.359	129	1707	1.144	ug/l	96
61) 1,2-Dibromoethane	11.470	107	1387	0.922	ug/l	100
64) Tetrachloroethene	11.106	164	1052	0.877	ug/l #	86
65) Chlorobenzene	11.888	112	3917	0.983	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	1654	1.277	ug/l #	48
67) Ethyl Benzene	11.965	91	6477	0.875	ug/l	96
68) m/p-Xylenes	12.076	106	5124	1.949	ug/l	97
69) o-Xylene	12.406	106	2635	1.008	ug/l	95
70) Styrene	12.412	104	3198	0.762	ug/l	93
71) Bromoform	12.588	173	758	0.865	ug/l #	90
73) Isopropylbenzene	12.700	105	5991	1.061	ug/l	97
74) N-amyl acetate	12.494	43	4046	1.154	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	2379	1.197	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	2014m	1.083	ug/l	
77) Bromobenzene	12.970	156	1269	1.051	ug/l	80
78) n-propylbenzene	13.041	91	7450	1.104	ug/l	99
79) 2-Chlorotoluene	13.129	91	4604	1.074	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	4894	1.088	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.741	75	552m	0.764	ug/l	
82) 4-Chlorotoluene	13.223	91	5202	1.225	ug/l	83
83) tert-Butylbenzene	13.441	119	3920	1.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	4655	1.021	ug/l	78
85) sec-Butylbenzene	13.612	105	6201	1.171	ug/l	96
86) p-Isopropyltoluene	13.735	119	4223	1.026	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2635	1.220	ug/l	93
88) 1,4-Dichlorobenzene	13.817	146	2075m	0.958	ug/l	
89) n-Butylbenzene	14.059	91	4429	1.100	ug/l	89
90) Hexachloroethane	14.347	117	492	0.683	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	2590	1.310	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.729	75	290	0.781	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.382	180	770	0.757	ug/l #	28
94) Hexachlorobutadiene	15.506	225	551	1.240	ug/l #	23
95) Naphthalene	15.635	128	3250	0.835	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.835	180	1169m	1.169	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080820.D
Acq On : 30 Jan 2024 17:35
Operator : JC\MD
Sample : P1187-08 1.0PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Quant Time: Jan 31 03:14:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

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

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

