

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044935.D
 Acq On : 12 Feb 2025 15:58
 Operator : JC/MD
 Sample : Q1168-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:46:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 13 03:28:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	107096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90303	57.603	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.200%			
35) Dibromofluoromethane	5.379	113	70309	55.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.660%			
50) Toluene-d8	8.647	98	260278	54.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.320%			
62) 4-Bromofluorobenzene	11.079	95	84920	52.418	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1373	0.914	ug/l	88
3) Chloromethane	1.300	50	1892	1.035	ug/l	91
4) Vinyl Chloride	1.374	62	1805	1.019	ug/l #	86
5) Bromomethane	1.593	94	652	1.230	ug/l	90
6) Chloroethane	1.666	64	1271	1.936	ug/l	89
7) Trichlorofluoromethane	1.873	101	2282	1.019	ug/l #	82
8) Diethyl Ether	2.130	74	823	1.013	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.319	101	1243	0.919	ug/l	93
10) Methyl Iodide	2.447	142	1579	0.900	ug/l	97
11) Tert butyl alcohol	2.940	59	2953m	10.154	ug/l	
12) 1,1-Dichloroethene	2.319	96	1394	1.010	ug/l #	60
13) Acrolein	2.239	56	1463	4.876	ug/l	93
14) Allyl chloride	2.660	41	2417	0.969	ug/l #	84
15) Acrylonitrile	3.068	53	3926	5.056	ug/l	96
16) Acetone	2.386	43	4068	6.455	ug/l #	86
17) Carbon Disulfide	2.501	76	3666	0.968	ug/l	96
18) Methyl Acetate	2.703	43	2076	1.044	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	4216	0.960	ug/l	97
20) Methylene Chloride	2.782	84	1716	1.112	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	1215	0.894	ug/l #	76
22) Diisopropyl ether	3.757	45	4699	0.996	ug/l #	54
23) Vinyl Acetate	3.727	43	16221	4.216	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	2659	1.007	ug/l #	94
25) 2-Butanone	4.599	43	4979	4.865	ug/l #	83
26) 2,2-Dichloropropane	4.464	77	1796	0.858	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1427	0.874	ug/l	89
28) Bromochloromethane	4.910	49	1140	0.898	ug/l #	90
29) Tetrahydrofuran	5.019	42	3671	5.402	ug/l	96
30) Chloroform	5.098	83	2662	1.039	ug/l	100
31) Cyclohexane	5.446	56	2445	1.004	ug/l #	78
32) 1,1,1-Trichloroethane	5.379	97	2127	0.979	ug/l #	48
36) 1,1-Dichloropropene	5.684	75	2124	1.158	ug/l #	85
37) Ethyl Acetate	4.739	43	2292m	1.124	ug/l	
38) Carbon Tetrachloride	5.678	117	2043	1.137	ug/l #	92
39) Methylcyclohexane	7.379	83	2150	0.907	ug/l	94
40) Benzene	6.043	78	5550	0.969	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044935.D
 Acq On : 12 Feb 2025 15:58
 Operator : JC/MD
 Sample : Q1168-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:46:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 13 03:28:47 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	991m	0.908	ug/l	
42) 1,2-Dichloroethane	6.092	62	2039	1.117	ug/l	85
43) Isopropyl Acetate	6.354	43	3002	0.912	ug/l #	88
44) Trichloroethene	7.129	130	1287	0.983	ug/l	98
45) 1,2-Dichloropropane	7.433	63	1487	1.044	ug/l	89
46) Dibromomethane	7.592	93	978	0.990	ug/l	92
47) Bromodichloromethane	7.824	83	1780	0.931	ug/l #	85
48) Methyl methacrylate	7.708	41	1474m	0.949	ug/l	
49) 1,4-Dioxane	7.683	88	585	17.560	ug/l #	64
51) 4-Methyl-2-Pentanone	8.573	43	9590	4.790	ug/l	99
52) Toluene	8.720	92	3636	1.066	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1473	0.761	ug/l	89
54) cis-1,3-Dichloropropene	8.372	75	1992	0.923	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1246	0.951	ug/l #	86
56) Ethyl methacrylate	9.128	69	1885m	0.890	ug/l	
57) 1,3-Dichloropropane	9.311	76	2406	1.049	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	4426	4.258	ug/l	97
59) 2-Hexanone	9.439	43	6342	4.396	ug/l	99
60) Dibromochloromethane	9.518	129	1217	0.868	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1272	0.957	ug/l	96
64) Tetrachloroethene	9.275	164	916	0.854	ug/l	91
65) Chlorobenzene	10.079	112	3756	1.028	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.159	131	1198	1.018	ug/l #	60
67) Ethyl Benzene	10.195	91	5860	0.909	ug/l	94
68) m/p-Xylenes	10.305	106	4425	1.860	ug/l	91
69) o-Xylene	10.640	106	2285	0.957	ug/l	98
70) Styrene	10.658	104	3524	0.916	ug/l	98
71) Bromoform	10.799	173	748	0.852	ug/l #	95
73) Isopropylbenzene	10.963	105	5511	0.970	ug/l	99
74) N-amyl acetate	10.847	43	1866	0.726	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2049	1.050	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1718m	1.098	ug/l	
77) Bromobenzene	11.201	156	1186	0.921	ug/l	85
78) n-propylbenzene	11.305	91	5963	0.909	ug/l	98
79) 2-Chlorotoluene	11.360	91	4180	1.037	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4103	0.890	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	409m	0.673	ug/l	
82) 4-Chlorotoluene	11.457	91	4474	1.004	ug/l	100
83) tert-Butylbenzene	11.713	119	4585	0.983	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	4237	0.931	ug/l	91
85) sec-Butylbenzene	11.890	105	5017	0.869	ug/l	95
86) p-Isopropyltoluene	12.012	119	4119	0.887	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	2463	1.040	ug/l	94
88) 1,4-Dichlorobenzene	12.036	146	2515m	1.050	ug/l	
89) n-Butylbenzene	12.335	91	3137	0.764	ug/l	97
90) Hexachloroethane	12.542	117	690	0.794	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	2258	0.970	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	305	0.856	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	1167	0.829	ug/l	87
94) Hexachlorobutadiene	13.719	225	657	1.175	ug/l	84
95) Naphthalene	13.780	128	4171	0.819	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1278	0.900	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044935.D
Acq On : 12 Feb 2025 15:58
Operator : JC/MD
Sample : Q1168-08 1.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 13 03:46:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 13 03:28:47 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

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

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

