

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047342.D
 Acq On : 14 Aug 2025 16:15
 Operator : JC/MD
 Sample : VX0814WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Quant Time: Aug 18 01:29:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	220703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	182232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155411	56.528	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.060%			
35) Dibromofluoromethane	5.397	113	139473	57.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.120%			
50) Toluene-d8	8.647	98	376237	47.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.079	95	189921	56.162	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50487	17.222	ug/l	94
3) Chloromethane	1.313	50	47488	16.376	ug/l	96
4) Vinyl Chloride	1.392	62	54561	17.504	ug/l	93
5) Bromomethane	1.630	94	26489	15.644	ug/l	88
6) Chloroethane	1.703	64	34546	16.874	ug/l	97
7) Trichlorofluoromethane	1.904	101	79728	17.153	ug/l	98
8) Diethyl Ether	2.142	74	32382	19.759	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	48062	17.163	ug/l	99
10) Methyl Iodide	2.471	142	75979	26.622	ug/l	99
11) Tert butyl alcohol	2.959	59	31536	91.608	ug/l	100
12) 1,1-Dichloroethene	2.337	96	48929	17.641	ug/l	98
13) Acrolein	2.245	56	68415	115.573	ug/l	99
14) Allyl chloride	2.678	41	88713	17.694	ug/l	98
15) Acrylonitrile	3.081	53	141609	108.000	ug/l	98
16) Acetone	2.392	43	135173	122.733	ug/l	99
17) Carbon Disulfide	2.526	76	130111	16.215	ug/l	99
18) Methyl Acetate	2.715	43	70167	23.974	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	174379	20.658	ug/l	96
20) Methylene Chloride	2.800	84	58560	19.327	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	54348	19.148	ug/l	99
22) Diisopropyl ether	3.770	45	194124	20.139	ug/l	99
23) Vinyl Acetate	3.733	43	793796	102.672	ug/l	100
24) 1,1-Dichloroethane	3.623	63	102478	19.118	ug/l	99
25) 2-Butanone	4.568	43	176337	109.958	ug/l	95
26) 2,2-Dichloropropane	4.495	77	78981	19.035	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	65665	19.537	ug/l	99
28) Bromochloromethane	4.910	49	52005	21.089	ug/l	99
29) Tetrahydrofuran	5.025	42	105256	101.725	ug/l	96
30) Chloroform	5.105	83	108844	19.948	ug/l	97
31) Cyclohexane	5.483	56	82946	16.139	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	87698	18.505	ug/l	99
36) 1,1-Dichloropropene	5.696	75	67873	16.433	ug/l	98
37) Ethyl Acetate	4.727	43	71799	18.865	ug/l	100
38) Carbon Tetrachloride	5.684	117	74651	16.934	ug/l	95
39) Methylcyclohexane	7.385	83	76855	14.903	ug/l	97
40) Benzene	6.043	78	221348	18.518	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047342.D
 Acq On : 14 Aug 2025 16:15
 Operator : JC/MD
 Sample : VX0814WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 01:29:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	37500	18.844	ug/l #	94
42) 1,2-Dichloroethane	6.092	62	83140	19.745	ug/l	99
43) Isopropyl Acetate	6.348	43	121628	20.499	ug/l	99
44) Trichloroethene	7.129	130	54121	17.657	ug/l	98
45) 1,2-Dichloropropane	7.433	63	55635	18.583	ug/l	99
46) Dibromomethane	7.586	93	41484	19.760	ug/l	97
47) Bromodichloromethane	7.824	83	85219	19.071	ug/l	93
48) Methyl methacrylate	7.696	41	62741	19.411	ug/l	99
49) 1,4-Dioxane	7.683	88	12952	352.310	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	377908	107.156	ug/l	99
52) Toluene	8.720	92	139529	18.984	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	76457	18.119	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	84351	18.264	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	56007	20.319	ug/l	99
56) Ethyl methacrylate	9.116	69	82151	20.132	ug/l	98
57) 1,3-Dichloropropane	9.305	76	97772	20.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	178926	78.797	ug/l	99
59) 2-Hexanone	9.433	43	269134	115.507	ug/l	100
60) Dibromochloromethane	9.518	129	65177	20.162	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56986	19.772	ug/l	98
64) Tetrachloroethene	9.275	164	43853	16.937	ug/l	96
65) Chlorobenzene	10.079	112	155100	18.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	52547	18.549	ug/l	99
67) Ethyl Benzene	10.195	91	263929	17.940	ug/l	98
68) m/p-Xylenes	10.299	106	200119	36.350	ug/l	99
69) o-Xylene	10.640	106	95502	18.235	ug/l	98
70) Styrene	10.652	104	169951	18.924	ug/l	99
71) Bromoform	10.799	173	41762	19.407	ug/l #	100
73) Isopropylbenzene	10.963	105	252611	17.571	ug/l	100
74) N-amyl acetate	10.841	43	106383	18.339	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	84148	20.490	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63847m	18.929	ug/l	
77) Bromobenzene	11.195	156	65650	19.038	ug/l	95
78) n-propylbenzene	11.305	91	300287	17.479	ug/l	98
79) 2-Chlorotoluene	11.366	91	182362	17.757	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	211824	17.834	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9359	7.149	ug/l	88
82) 4-Chlorotoluene	11.451	91	217124	18.113	ug/l	98
83) tert-Butylbenzene	11.713	119	208282	17.471	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	212939	17.974	ug/l	99
85) sec-Butylbenzene	11.890	105	256279	17.205	ug/l	100
86) p-Isopropyltoluene	12.006	119	217017	17.569	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	121700	18.574	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	123336	18.580	ug/l	99
89) n-Butylbenzene	12.329	91	197544	17.053	ug/l	99
90) Hexachloroethane	12.536	117	36692	16.604	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	116591	18.618	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16081	20.400	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	74955	18.116	ug/l	97
94) Hexachlorobutadiene	13.719	225	24213	17.208	ug/l	99
95) Naphthalene	13.774	128	235518	19.417	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	72465	18.180	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
Data File : VX047342.D
Acq On : 14 Aug 2025 16:15
Operator : JC/MD
Sample : VX0814WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 01:29:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

