

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048209.D
 Acq On : 17 Oct 2025 14:03
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Quant Time: Oct 18 00:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	157010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	248908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	238012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106326	43.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.420%		
35) Dibromofluoromethane	5.373	113	88411	51.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.360%		
50) Toluene-d8	8.635	98	299387	48.107	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.220%		
62) 4-Bromofluorobenzene	11.061	95	108470	47.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	30110	18.272	ug/l	95
3) Chloromethane	1.301	50	36990	18.528	ug/l	100
4) Vinyl Chloride	1.380	62	39303	18.683	ug/l	97
5) Bromomethane	1.618	94	26832	19.181	ug/l	85
6) Chloroethane	1.697	64	24006	17.932	ug/l	96
7) Trichlorofluoromethane	1.898	101	58645	17.761	ug/l	99
8) Diethyl Ether	2.136	74	18866	16.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	36206	19.458	ug/l	97
10) Methyl Iodide	2.459	142	37969	17.036	ug/l	98
11) Tert butyl alcohol	2.941	59	16068	99.557	ug/l	100
12) 1,1-Dichloroethene	2.325	96	34747	19.098	ug/l	97
13) Acrolein	2.240	56	33337	98.285	ug/l	97
14) Allyl chloride	2.666	41	59307	18.122	ug/l	97
15) Acrylonitrile	3.056	53	79131	102.319	ug/l	99
16) Acetone	2.374	43	71466	86.128	ug/l	92
17) Carbon Disulfide	2.514	76	105072	18.770	ug/l	98
18) Methyl Acetate	2.703	43	31977	18.921	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	105416	19.235	ug/l	99
20) Methylene Chloride	2.788	84	37881	18.740	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	37759	20.061	ug/l	96
22) Diisopropyl ether	3.751	45	119467	18.642	ug/l	98
23) Vinyl Acetate	3.715	43	452806	94.497	ug/l	100
24) 1,1-Dichloroethane	3.605	63	65904	18.127	ug/l	99
25) 2-Butanone	4.538	43	92133	95.306	ug/l	96
26) 2,2-Dichloropropane	4.465	77	54738	17.615	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	40699	18.219	ug/l	99
28) Bromochloromethane	4.885	49	31672	18.899	ug/l	99
29) Tetrahydrofuran	4.989	42	56880	100.192	ug/l	99
30) Chloroform	5.080	83	69488	18.154	ug/l	98
31) Cyclohexane	5.465	56	62035	20.853	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	62355	19.827	ug/l	98
36) 1,1-Dichloropropene	5.684	75	48361	19.873	ug/l	97
37) Ethyl Acetate	4.702	43	37880	19.477	ug/l	98
38) Carbon Tetrachloride	5.666	117	55723	19.949	ug/l	95
39) Methylcyclohexane	7.367	83	56194	20.480	ug/l	97
40) Benzene	6.032	78	140774	19.481	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048209.D
 Acq On : 17 Oct 2025 14:03
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 00:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21229	20.382	ug/l	99
42) 1,2-Dichloroethane	6.080	62	51600	19.931	ug/l	100
43) Isopropyl Acetate	6.324	43	65065	19.930	ug/l	99
44) Trichloroethene	7.111	130	35571	19.532	ug/l	96
45) 1,2-Dichloropropane	7.415	63	35357	19.333	ug/l	98
46) Dibromomethane	7.568	93	25130	19.098	ug/l	99
47) Bromodichloromethane	7.806	83	54902	19.305	ug/l	97
48) Methyl methacrylate	7.678	41	32876	19.672	ug/l	99
49) 1,4-Dioxane	7.647	88	6796	451.757	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	191122	105.205	ug/l	99
52) Toluene	8.702	92	87476	20.141	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	51564	19.354	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	56663	19.512	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	33335	20.571	ug/l	98
56) Ethyl methacrylate	9.104	69	47159	21.397	ug/l	99
57) 1,3-Dichloropropane	9.293	76	57528	20.319	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	136897	109.367	ug/l	99
59) 2-Hexanone	9.415	43	129529	101.935	ug/l	98
60) Dibromochloromethane	9.506	129	41679	20.548	ug/l	99
61) 1,2-Dibromoethane	9.592	107	34752	20.914	ug/l	98
64) Tetrachloroethene	9.257	164	31547	18.903	ug/l	97
65) Chlorobenzene	10.061	112	100187	19.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	35260	18.802	ug/l	99
67) Ethyl Benzene	10.177	91	172737	19.361	ug/l	99
68) m/p-Xylenes	10.287	106	131393	39.531	ug/l	100
69) o-Xylene	10.622	106	62181	19.873	ug/l	97
70) Styrene	10.640	104	107727	20.002	ug/l	100
71) Bromoform	10.781	173	26139	18.981	ug/l #	98
73) Isopropylbenzene	10.945	105	155506	19.810	ug/l	99
74) N-amyl acetate	10.823	43	58589	20.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42974	19.324	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	33224m	19.278	ug/l	
77) Bromobenzene	11.177	156	36894	18.781	ug/l	98
78) n-propylbenzene	11.287	91	188796	19.833	ug/l	99
79) 2-Chlorotoluene	11.348	91	111935	19.463	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	128993	20.019	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12898	18.325	ug/l	95
82) 4-Chlorotoluene	11.433	91	132212	19.562	ug/l	99
83) tert-Butylbenzene	11.695	119	129716	19.927	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	129055	20.114	ug/l	99
85) sec-Butylbenzene	11.872	105	162650	20.438	ug/l	99
86) p-Isopropyltoluene	11.994	119	136589	20.362	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	69779	18.994	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	71568	18.794	ug/l	98
89) n-Butylbenzene	12.317	91	124016	19.849	ug/l	100
90) Hexachloroethane	12.518	117	26380	18.632	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	65429	18.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7737	19.040	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	39156	19.110	ug/l	99
94) Hexachlorobutadiene	13.707	225	16336	20.672	ug/l	97
95) Naphthalene	13.756	128	105740	19.577	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	36752	19.441	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048209.D
Acq On : 17 Oct 2025 14:03
Operator : JC/MD
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 00:17:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

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

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

