

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048014.D
 Acq On : 06 Oct 2025 11:34
 Operator : JC/MD
 Sample : VX1006WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	164419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112693	43.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.120%		
35) Dibromofluoromethane	5.379	113	88738	47.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.634	98	306290	47.269	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.540%		
62) 4-Bromofluorobenzene	11.061	95	115107	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	31333	18.403	ug/l	96
3) Chloromethane	1.300	50	34052	15.218	ug/l	97
4) Vinyl Chloride	1.380	62	37697	17.210	ug/l	99
5) Bromomethane	1.617	94	19518	14.052	ug/l	89
6) Chloroethane	1.697	64	25102	17.146	ug/l	92
7) Trichlorofluoromethane	1.898	101	60802	18.695	ug/l	99
8) Diethyl Ether	2.136	74	21922	16.477	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	37043	19.479	ug/l	99
10) Methyl Iodide	2.459	142	39476	13.310	ug/l	98
11) Tert butyl alcohol	2.940	59	23415	80.332	ug/l	100
12) 1,1-Dichloroethene	2.325	96	34503	17.662	ug/l	98
13) Acrolein	2.239	56	49862	185.635	ug/l	97
14) Allyl chloride	2.666	41	64626	16.032	ug/l	99
15) Acrylonitrile	3.062	53	98346	91.090	ug/l	97
16) Acetone	2.373	43	88884	78.110	ug/l	98
17) Carbon Disulfide	2.520	76	85084	15.910	ug/l	97
18) Methyl Acetate	2.703	43	48297	19.071	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	121914	17.096	ug/l	98
20) Methylene Chloride	2.788	84	40333	16.745	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	36145	17.186	ug/l	98
22) Diisopropyl ether	3.751	45	138188	17.689	ug/l #	84
23) Vinyl Acetate	3.715	43	531551	85.014	ug/l	100
24) 1,1-Dichloroethane	3.605	63	73779	17.768	ug/l	96
25) 2-Butanone	4.544	43	120993	85.240	ug/l	99
26) 2,2-Dichloropropane	4.471	77	62329	18.058	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	44926	17.443	ug/l	99
28) Bromochloromethane	4.891	49	34354	18.951	ug/l	100
29) Tetrahydrofuran	4.995	42	73460	86.029	ug/l	100
30) Chloroform	5.080	83	78236	18.645	ug/l	97
31) Cyclohexane	5.458	56	58909	17.034	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	67102	18.854	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48874	17.861	ug/l	99
37) Ethyl Acetate	4.708	43	48839	16.669	ug/l	99
38) Carbon Tetrachloride	5.672	117	58184	19.570	ug/l	97
39) Methylcyclohexane	7.366	83	54588	17.574	ug/l	95
40) Benzene	6.025	78	151475	18.226	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048014.D
 Acq On : 06 Oct 2025 11:34
 Operator : JC/MD
 Sample : VX1006WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	27057	17.888	ug/l	96
42) 1,2-Dichloroethane	6.074	62	57798	18.278	ug/l	97
43) Isopropyl Acetate	6.324	43	85430	17.779	ug/l	100
44) Trichloroethene	7.110	130	37725	18.775	ug/l	95
45) 1,2-Dichloropropane	7.415	63	40931	19.233	ug/l	98
46) Dibromomethane	7.568	93	28907	18.666	ug/l	99
47) Bromodichloromethane	7.805	83	60643	18.976	ug/l	96
48) Methyl methacrylate	7.677	41	41003	17.131	ug/l	98
49) 1,4-Dioxane	7.647	88	10772	445.327	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	255089	95.747	ug/l	100
52) Toluene	8.702	92	96602	18.866	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	57749	17.716	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	64754	18.586	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	38549	19.524	ug/l	98
56) Ethyl methacrylate	9.104	69	55086	17.765	ug/l	99
57) 1,3-Dichloropropane	9.293	76	66503	19.608	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	127894	93.558	ug/l	99
59) 2-Hexanone	9.415	43	176211	92.091	ug/l	99
60) Dibromochloromethane	9.506	129	45569	20.031	ug/l	99
61) 1,2-Dibromoethane	9.598	107	38612	19.200	ug/l	98
64) Tetrachloroethene	9.256	164	30944	18.738	ug/l	96
65) Chlorobenzene	10.061	112	107635	18.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	38451	19.362	ug/l	100
67) Ethyl Benzene	10.177	91	182481	18.377	ug/l	98
68) m/p-Xylenes	10.287	106	139102	37.636	ug/l	97
69) o-Xylene	10.622	106	65769	18.397	ug/l	98
70) Styrene	10.640	104	114309	18.249	ug/l	99
71) Bromoform	10.780	173	28275	19.068	ug/l #	98
73) Isopropylbenzene	10.945	105	175020	18.170	ug/l	100
74) N-amyl acetate	10.829	43	73123	16.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54864	18.825	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	47442m	18.494	ug/l	
77) Bromobenzene	11.183	156	41905	17.663	ug/l	97
78) n-propylbenzene	11.286	91	208714	18.329	ug/l	100
79) 2-Chlorotoluene	11.347	91	125180	17.949	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	144131	18.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	15722	15.629	ug/l	97
82) 4-Chlorotoluene	11.439	91	148433	18.020	ug/l	99
83) tert-Butylbenzene	11.695	119	146251	18.052	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	142546	17.766	ug/l	96
85) sec-Butylbenzene	11.872	105	175128	18.199	ug/l	100
86) p-Isopropyltoluene	11.994	119	145725	17.888	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79735	18.094	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	80816	17.869	ug/l	98
89) n-Butylbenzene	12.317	91	134912	17.897	ug/l	98
90) Hexachloroethane	12.518	117	26886	18.797	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	74860	17.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	9946	16.856	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	44381	16.266	ug/l	97
94) Hexachlorobutadiene	13.707	225	15887	17.142	ug/l	97
95) Naphthalene	13.756	128	130919	15.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	42450	16.725	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

