

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048184.D
 Acq On : 15 Oct 2025 11:14
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2025
 Supervised By : Mahesh Dadoda 10/17/2025

Quant Time: Oct 16 04:02:46 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	5.531	168	120412	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	211214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	199536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96906	50.560	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.373	113	78614	55.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.000%			
50) Toluene-d8	8.628	98	266218	54.314	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.620%			
62) 4-Bromofluorobenzene	11.061	95	107550	57.817	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.178	85	24808	19.896	ug/l	99
3) Chloromethane	1.300	50	31572	19.266	ug/l	99
4) Vinyl Chloride	1.380	62	33388	20.813	ug/l	100
5) Bromomethane	1.617	94	24163	23.754	ug/l	99
6) Chloroethane	1.697	64	22316	20.814	ug/l	97
7) Trichlorofluoromethane	1.898	101	50717	21.293	ug/l	99
8) Diethyl Ether	2.136	74	19084	19.587	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	29094	20.890	ug/l	100
10) Methyl Iodide	2.459	142	31659	14.575	ug/l	98
11) Tert butyl alcohol	2.934	59	15755	73.806	ug/l	98
12) 1,1-Dichloroethene	2.325	96	30008	20.976	ug/l	98
13) Acrolein	2.239	56	17423	88.572	ug/l	96
14) Allyl chloride	2.666	41	53963	18.279	ug/l	99
15) Acrylonitrile	3.056	53	70393	89.028	ug/l	100
16) Acetone	2.373	43	64367	77.237	ug/l	99
17) Carbon Disulfide	2.514	76	86030	21.966	ug/l	99
18) Methyl Acetate	2.696	43	29745	16.038	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	94051	18.009	ug/l	97
20) Methylene Chloride	2.788	84	35081	19.887	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	31438	20.411	ug/l	95
22) Diisopropyl ether	3.751	45	109673	19.169	ug/l	98
23) Vinyl Acetate	3.715	43	408624	89.238	ug/l	100
24) 1,1-Dichloroethane	3.605	63	61175	20.117	ug/l	98
25) 2-Butanone	4.538	43	85962	82.694	ug/l	94
26) 2,2-Dichloropropane	4.464	77	49086	19.419	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	37112	19.675	ug/l	99
28) Bromochloromethane	4.885	49	26904	20.266	ug/l	97
29) Tetrahydrofuran	4.989	42	52665	84.217	ug/l	98
30) Chloroform	5.074	83	65479	21.308	ug/l	99
31) Cyclohexane	5.452	56	44886	17.723	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	50244	19.276	ug/l	99
36) 1,1-Dichloropropene	5.678	75	37517	18.125	ug/l	95
37) Ethyl Acetate	4.696	43	34255	15.456	ug/l	99
38) Carbon Tetrachloride	5.659	117	45439	20.205	ug/l	97
39) Methylcyclohexane	7.366	83	44214	18.818	ug/l	95
40) Benzene	6.019	78	125058	19.892	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048184.D
 Acq On : 15 Oct 2025 11:14
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2025
 Supervised By : Mahesh Dadoda 10/17/2025

Quant Time: Oct 16 04:02:46 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	19676	17.197	ug/l	96
42) 1,2-Dichloroethane	6.068	62	44546	18.623	ug/l	99
43) Isopropyl Acetate	6.318	43	62932	17.314	ug/l	99
44) Trichloroethene	7.110	130	31609	20.797	ug/l	98
45) 1,2-Dichloropropane	7.415	63	33321	20.699	ug/l	98
46) Dibromomethane	7.561	93	24627	21.023	ug/l	99
47) Bromodichloromethane	7.805	83	51718	21.395	ug/l #	97
48) Methyl methacrylate	7.677	41	30981	17.112	ug/l	98
49) 1,4-Dioxane	7.641	88	5602	306.167	ug/l #	91
51) 4-Methyl-2-Pentanone	8.555	43	183590	91.099	ug/l	96
52) Toluene	8.701	92	80300	20.732	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	48304	19.590	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	53102	20.149	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	30569	20.468	ug/l	95
56) Ethyl methacrylate	9.098	69	41347	17.628	ug/l	99
57) 1,3-Dichloropropane	9.293	76	53412	20.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	88950	86.742	ug/l	100
59) 2-Hexanone	9.415	43	122230	84.449	ug/l	99
60) Dibromochloromethane	9.506	129	37893	22.020	ug/l	99
61) 1,2-Dibromoethane	9.592	107	31716	20.849	ug/l	99
64) Tetrachloroethene	9.256	164	28203	21.682	ug/l	97
65) Chlorobenzene	10.061	112	87442	19.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	30703	19.628	ug/l	96
67) Ethyl Benzene	10.177	91	147629	18.875	ug/l	98
68) m/p-Xylenes	10.287	106	113300	38.918	ug/l	98
69) o-Xylene	10.622	106	53601	19.036	ug/l	99
70) Styrene	10.640	104	94483	19.150	ug/l	98
71) Bromoform	10.780	173	24650	21.104	ug/l #	98
73) Isopropylbenzene	10.945	105	138370	17.431	ug/l	99
74) N-amyl acetate	10.823	43	54371	15.020	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	41643	17.339	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	36097m	17.075	ug/l	
77) Bromobenzene	11.183	156	34733	17.765	ug/l	97
78) n-propylbenzene	11.286	91	164974	17.581	ug/l	100
79) 2-Chlorotoluene	11.347	91	101340	17.632	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	115605	17.726	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	12518	15.100	ug/l	100
82) 4-Chlorotoluene	11.439	91	120556	17.760	ug/l	99
83) tert-Butylbenzene	11.695	119	110030	16.481	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	114537	17.322	ug/l	100
85) sec-Butylbenzene	11.872	105	137462	17.334	ug/l	99
86) p-Isopropyltoluene	11.987	119	114532	17.060	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	64115	17.656	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	66446	17.828	ug/l	99
89) n-Butylbenzene	12.317	91	103762	16.703	ug/l	97
90) Hexachloroethane	12.518	117	23237	19.714	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	60852	17.589	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	7175	14.756	ug/l	96
93) 1,2,4-Trichlorobenzene	13.573	180	33695	14.986	ug/l	98
94) Hexachlorobutadiene	13.707	225	13056	17.095	ug/l	98
95) Naphthalene	13.755	128	94549	13.809	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	32037	15.317	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
Data File : VX048184.D
Acq On : 15 Oct 2025 11:14
Operator : JC/MD
Sample : VX1015WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

Quant Time: Oct 16 04:02:46 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

