

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048897.D
 Acq On : 16 Dec 2025 19:10
 Operator : JC/MD
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025
 Supervised By :Semsettin Yesilyurt 12/17/2025

Quant Time: Dec 17 03:28:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	90740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	151297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	142620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	73029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	71519	47.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.300%		
35) Dibromofluoromethane	5.367	113	57499	51.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.260%		
50) Toluene-d8	8.634	98	206146	51.346	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.700%		
62) 4-Bromofluorobenzene	11.061	95	73799	51.199	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21745	20.823	ug/l	99
3) Chloromethane	1.300	50	24608	18.888	ug/l	97
4) Vinyl Chloride	1.380	62	25039	21.116	ug/l	97
5) Bromomethane	1.617	94	17326	21.724	ug/l	92
6) Chloroethane	1.697	64	15420	21.363	ug/l	99
7) Trichlorofluoromethane	1.898	101	36411	21.302	ug/l	99
8) Diethyl Ether	2.136	74	13415	20.171	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	21108	21.890	ug/l	97
10) Methyl Iodide	2.459	142	27584	20.176	ug/l	100
11) Tert butyl alcohol	2.934	59	9477	108.306	ug/l	97
12) 1,1-Dichloroethene	2.325	96	20196	21.310	ug/l	91
13) Acrolein	2.233	56	10336	111.001	ug/l	98
14) Allyl chloride	2.666	41	38975	19.853	ug/l	92
15) Acrylonitrile	3.056	53	50086	104.571	ug/l	99
16) Acetone	2.373	43	33804	105.802	ug/l	95
17) Carbon Disulfide	2.514	76	54703	19.128	ug/l	99
18) Methyl Acetate	2.697	43	22006	21.353	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	69991	20.566	ug/l	98
20) Methylene Chloride	2.788	84	25218	19.110	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	21590	20.278	ug/l	93
22) Diisopropyl ether	3.745	45	85279	19.701	ug/l #	93
23) Vinyl Acetate	3.709	43	317086	100.208	ug/l	95
24) 1,1-Dichloroethane	3.605	63	43978	19.266	ug/l	99
25) 2-Butanone	4.538	43	55521	110.784	ug/l	93
26) 2,2-Dichloropropane	4.465	77	36516	19.554	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	26481	19.426	ug/l	89
28) Bromochloromethane	4.885	49	23628	20.368	ug/l #	76
29) Tetrahydrofuran	4.983	42	34994	97.272	ug/l	92
30) Chloroform	5.080	83	44572	19.375	ug/l	98
31) Cyclohexane	5.458	56	37700	22.126	ug/l #	88
32) 1,1,1-Trichloroethane	5.373	97	39525	20.003	ug/l	95
36) 1,1-Dichloropropene	5.678	75	29582	20.960	ug/l	96
37) Ethyl Acetate	4.696	43	25142	18.650	ug/l	98
38) Carbon Tetrachloride	5.665	117	34799	20.685	ug/l	96
39) Methylcyclohexane	7.366	83	36211	22.830	ug/l	98
40) Benzene	6.025	78	91541	19.565	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048897.D
 Acq On : 16 Dec 2025 19:10
 Operator : JC/MD
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Quant Time: Dec 17 03:28:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025
 Supervised By :Semsettin Yesilyurt 12/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	14094	20.777	ug/l	91
42) 1,2-Dichloroethane	6.068	62	34780	20.058	ug/l	95
43) Isopropyl Acetate	6.324	43	46687	20.884	ug/l #	92
44) Trichloroethene	7.110	130	23092	19.794	ug/l	91
45) 1,2-Dichloropropane	7.409	63	25222	19.918	ug/l	95
46) Dibromomethane	7.568	93	16609	20.016	ug/l	98
47) Bromodichloromethane	7.805	83	37380	20.371	ug/l	100
48) Methyl methacrylate	7.677	41	23666	21.638	ug/l	94
49) 1,4-Dioxane	7.641	88	4230	424.529	ug/l #	93
51) 4-Methyl-2-Pentanone	8.555	43	138630	110.832	ug/l	93
52) Toluene	8.702	92	58514	20.848	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	36624	20.581	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	39620	20.563	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	22727	20.854	ug/l	96
56) Ethyl methacrylate	9.098	69	33487	22.675	ug/l	91
57) 1,3-Dichloropropane	9.293	76	41015	21.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	94493	106.764	ug/l	91
59) 2-Hexanone	9.415	43	96727	113.713	ug/l	95
60) Dibromochloromethane	9.506	129	28918	21.434	ug/l	99
61) 1,2-Dibromoethane	9.592	107	23337	21.877	ug/l	99
64) Tetrachloroethene	9.256	164	19904	21.702	ug/l	97
65) Chlorobenzene	10.061	112	66210	20.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	24242	21.278	ug/l	100
67) Ethyl Benzene	10.177	91	114903	21.188	ug/l	99
68) m/p-Xylenes	10.287	106	85376	42.748	ug/l	97
69) o-Xylene	10.622	106	41742	21.518	ug/l	100
70) Styrene	10.640	104	69486	21.192	ug/l	99
71) Bromoform	10.780	173	18005	21.152	ug/l #	99
73) Isopropylbenzene	10.945	105	106951	21.462	ug/l	99
74) N-amyl acetate	10.823	43	44260	20.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	30251	20.616	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	26759m	22.789	ug/l	
77) Bromobenzene	11.183	156	25971	20.382	ug/l	94
78) n-propylbenzene	11.286	91	130297	21.581	ug/l	99
79) 2-Chlorotoluene	11.347	91	76014	20.393	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	89104	21.770	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	9834	21.270	ug/l #	88
82) 4-Chlorotoluene	11.439	91	88877	20.797	ug/l	100
83) tert-Butylbenzene	11.695	119	92259	21.820	ug/l	100
84) 1,2,4-Trimethylbenzene	11.731	105	89849	21.728	ug/l	99
85) sec-Butylbenzene	11.872	105	115720	22.197	ug/l	99
86) p-Isopropyltoluene	11.994	119	95561	22.366	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	47889	20.030	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	50497	20.133	ug/l	99
89) n-Butylbenzene	12.317	91	89824	21.978	ug/l	98
90) Hexachloroethane	12.518	117	19090	20.766	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	47297	20.010	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	5777	22.001	ug/l	85
93) 1,2,4-Trichlorobenzene	13.567	180	30305	22.301	ug/l	100
94) Hexachlorobutadiene	13.707	225	13596	23.170	ug/l	97
95) Naphthalene	13.756	128	77561	22.595	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	27126	22.215	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
Data File : VX048897.D
Acq On : 16 Dec 2025 19:10
Operator : JC/MD
Sample : VX1216WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025
Supervised By :Semsettin Yesilyurt 12/17/2025

Quant Time: Dec 17 03:28:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:22:16 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048897.D
 Acq On : 16 Dec 2025 19:10
 Operator : JC/MD
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Quant Time: Dec 17 03:28:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025
 Supervised By :Semsettin Yesilyurt 12/17/2025

