

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048449.D
 Acq On : 03 Nov 2025 12:21
 Operator : JC/MD
 Sample : VX1103WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
 Supervised By :mohammad ahmed 11/04/2025

Quant Time: Nov 04 00:10:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	172640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	288363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121860	49.081	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.160%		
35) Dibromofluoromethane	5.367	113	83329	50.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.360%		
50) Toluene-d8	8.628	98	318132	43.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.680%#		
62) 4-Bromofluorobenzene	11.061	95	118111	43.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	30270	17.189	ug/l	97
3) Chloromethane	1.300	50	20348	20.480	ug/l	94
4) Vinyl Chloride	1.380	62	44939	19.580	ug/l	99
5) Bromomethane	1.617	94	16699	20.141	ug/l	93
6) Chloroethane	1.697	64	23174	16.978	ug/l	100
7) Trichlorofluoromethane	1.898	101	60832	17.296	ug/l	98
8) Diethyl Ether	2.129	74	22137	17.415	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	39962	20.200	ug/l	95
10) Methyl Iodide	2.459	142	123885	15.573	ug/l	97
11) Tert butyl alcohol	2.928	59	15123	79.503	ug/l	96
12) 1,1-Dichloroethene	2.325	96	40631	20.220	ug/l	89
13) Acrolein	2.233	56	35021	88.203	ug/l	98
14) Allyl chloride	2.666	41	55328	16.259	ug/l	93
15) Acrylonitrile	3.056	53	69872	80.744	ug/l	99
16) Acetone	2.373	43	49853	88.593	ug/l	100
17) Carbon Disulfide	2.514	76	97171	16.865	ug/l	98
18) Methyl Acetate	2.696	43	30042	15.962	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	112152	17.429	ug/l	99
20) Methylene Chloride	2.788	84	37062	17.086	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	36155	16.939	ug/l	99
22) Diisopropyl ether	3.745	45	121046	17.378	ug/l	98
23) Vinyl Acetate	3.708	43	434078	91.549	ug/l	97
24) 1,1-Dichloroethane	3.605	63	68616	17.358	ug/l	98
25) 2-Butanone	4.531	43	73676	81.958	ug/l	93
26) 2,2-Dichloropropane	4.464	77	61839	18.169	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	42332	16.618	ug/l	98
28) Bromochloromethane	4.879	49	34659	19.347	ug/l	85
29) Tetrahydrofuran	4.983	42	59178	92.438	ug/l	97
30) Chloroform	5.074	83	75267	18.510	ug/l	99
31) Cyclohexane	5.458	56	67453	19.658	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	71589	19.942	ug/l	98
36) 1,1-Dichloropropene	5.678	75	51987	18.830	ug/l	98
37) Ethyl Acetate	4.696	43	37974	16.144	ug/l #	96
38) Carbon Tetrachloride	5.659	117	59473	18.657	ug/l	95
39) Methylcyclohexane	7.360	83	58799	16.561	ug/l	97
40) Benzene	6.019	78	162239	19.235	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048449.D
 Acq On : 03 Nov 2025 12:21
 Operator : JC/MD
 Sample : VX1103WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBS01

Quant Time: Nov 04 00:10:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
 Supervised By :mohammad ahmed 11/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	22908	19.335	ug/l	94
42) 1,2-Dichloroethane	6.068	62	54093	18.208	ug/l	96
43) Isopropyl Acetate	6.312	43	67186	17.300	ug/l	95
44) Trichloroethene	7.110	130	38591	17.463	ug/l	95
45) 1,2-Dichloropropane	7.409	63	35935	17.059	ug/l	98
46) Dibromomethane	7.561	93	26652	18.074	ug/l	98
47) Bromodichloromethane	7.805	83	57455	18.338	ug/l	99
48) Methyl methacrylate	7.671	41	32991	17.420	ug/l	96
49) 1,4-Dioxane	7.641	88	6805	316.132	ug/l #	90
51) 4-Methyl-2-Pentanone	8.555	43	187159	86.596	ug/l	100
52) Toluene	8.701	92	92741	17.597	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	53828	18.954	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	56442	18.447	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	34295	17.981	ug/l	96
56) Ethyl methacrylate	9.098	69	46849	16.775	ug/l	96
57) 1,3-Dichloropropane	9.293	76	57864	17.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	131528	85.428	ug/l	97
59) 2-Hexanone	9.415	43	121464	86.371	ug/l	98
60) Dibromochloromethane	9.500	129	42924	18.197	ug/l	98
61) 1,2-Dibromoethane	9.592	107	35072	17.775	ug/l	98
64) Tetrachloroethene	9.256	164	34637	19.753	ug/l	96
65) Chlorobenzene	10.061	112	103891	20.711	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	36626	21.465	ug/l	99
67) Ethyl Benzene	10.177	91	173489	20.541	ug/l	98
68) m/p-Xylenes	10.280	106	134991	42.211	ug/l	99
69) o-Xylene	10.622	106	63358	20.732	ug/l	100
70) Styrene	10.640	104	109893	21.227	ug/l	99
71) Bromoform	10.780	173	26290	21.299	ug/l #	99
73) Isopropylbenzene	10.945	105	167983	20.549	ug/l	100
74) N-amyl acetate	10.823	43	58129	19.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42400	20.477	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	33504m	21.079	ug/l	
77) Bromobenzene	11.177	156	40521	20.067	ug/l	98
78) n-propylbenzene	11.286	91	201686	20.875	ug/l	99
79) 2-Chlorotoluene	11.347	91	120278	20.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	140304	20.938	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	9223	20.081	ug/l #	65
82) 4-Chlorotoluene	11.439	91	143791	21.085	ug/l	99
83) tert-Butylbenzene	11.695	119	139109	20.391	ug/l	100
84) 1,2,4-Trimethylbenzene	11.731	105	143541	21.634	ug/l	99
85) sec-Butylbenzene	11.872	105	176437	20.756	ug/l	100
86) p-Isopropyltoluene	11.987	119	148457	20.658	ug/l	97
87) 1,3-Dichlorobenzene	11.951	146	75803	19.656	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	79478	20.235	ug/l	98
89) n-Butylbenzene	12.311	91	140708	20.854	ug/l	99
90) Hexachloroethane	12.518	117	26546	21.022	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	72500	20.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8322	20.525	ug/l	90
93) 1,2,4-Trichlorobenzene	13.566	180	48282	19.579	ug/l	99
94) Hexachlorobutadiene	13.707	225	21142	20.439	ug/l	96
95) Naphthalene	13.755	128	121617	19.527	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	45326	20.235	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

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

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

