

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048475.D
 Acq On : 04 Nov 2025 11:24
 Operator : JC/MD
 Sample : VX1104WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 01:44:17 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	5.538	168	161189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	264127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	190320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	97846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104017	44.871	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.740%
35) Dibromofluoromethane	5.373	113	70131	46.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.635	98	255333	38.411	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	76.820%#
62) 4-Bromofluorobenzene	11.061	95	97009	39.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.020%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	31583	19.209	ug/l	95
3) Chloromethane	1.301	50	17590	18.962	ug/l	96
4) Vinyl Chloride	1.380	62	38677	18.049	ug/l	99
5) Bromomethane	1.618	94	14549	18.795	ug/l	96
6) Chloroethane	1.697	64	20585	16.153	ug/l	98
7) Trichlorofluoromethane	1.898	101	51738	15.756	ug/l	97
8) Diethyl Ether	2.136	74	17231	14.519	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	30762	16.654	ug/l	94
10) Methyl Iodide	2.459	142	120597	16.237	ug/l	94
11) Tert butyl alcohol	2.934	59	15703	88.417	ug/l	99
12) 1,1-Dichloroethene	2.325	96	31569	16.826	ug/l	91
13) Acrolein	2.239	56	26403	71.222	ug/l	99
14) Allyl chloride	2.666	41	57627	18.137	ug/l	94
15) Acrylonitrile	3.056	53	72164	89.317	ug/l	98
16) Acetone	2.374	43	40889	77.825	ug/l	98
17) Carbon Disulfide	2.520	76	90417	16.808	ug/l	100
18) Methyl Acetate	2.697	43	31853	18.127	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	111302	18.525	ug/l	99
20) Methylene Chloride	2.794	84	35462	17.510	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	35076	17.601	ug/l	98
22) Diisopropyl ether	3.751	45	118041	18.151	ug/l	97
23) Vinyl Acetate	3.715	43	426761	96.400	ug/l	97
24) 1,1-Dichloroethane	3.611	63	66378	17.985	ug/l	98
25) 2-Butanone	4.544	43	77538	92.382	ug/l	96
26) 2,2-Dichloropropane	4.471	77	60081	18.906	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	42300	17.785	ug/l	99
28) Bromochloromethane	4.885	49	30205	18.058	ug/l	93
29) Tetrahydrofuran	4.989	42	53793	89.996	ug/l	98
30) Chloroform	5.087	83	71626	18.866	ug/l	99
31) Cyclohexane	5.465	56	53815	16.798	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	64018	19.100	ug/l	99
36) 1,1-Dichloropropene	5.678	75	48730	19.270	ug/l	97
37) Ethyl Acetate	4.702	43	37535	17.422	ug/l	99
38) Carbon Tetrachloride	5.666	117	55719	19.083	ug/l	96
39) Methylcyclohexane	7.367	83	43975	13.522	ug/l	92
40) Benzene	6.025	78	144357	18.686	ug/l	95

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41) Methacrylonitrile	4.898	41	21934	20.211	ug/l	98
42) 1,2-Dichloroethane	6.074	62	48808	17.936	ug/l	96
43) Isopropyl Acetate	6.324	43	66074	18.575	ug/l	95
44) Trichloroethene	7.117	130	32306	15.961	ug/l	93
45) 1,2-Dichloropropane	7.415	63	28109	14.569	ug/l	97
46) Dibromomethane	7.568	93	21195	15.692	ug/l	93
47) Bromodichloromethane	7.806	83	44806	15.613	ug/l	97
48) Methyl methacrylate	7.678	41	25510	14.706	ug/l	95
49) 1,4-Dioxane	7.647	88	6591	334.286	ug/l #	80
51) 4-Methyl-2-Pentanone	8.555	43	144957	73.224	ug/l	94
52) Toluene	8.702	92	77088	15.969	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	42518	16.346	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	45382	16.193	ug/l #	89
55) 1,1,2-Trichloroethane	9.135	97	27174	15.555	ug/l	98
56) Ethyl methacrylate	9.104	69	40089	15.672	ug/l	92
57) 1,3-Dichloropropane	9.293	76	47934	15.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	106078	76.330	ug/l	94
59) 2-Hexanone	9.415	43	96780	75.133	ug/l	93
60) Dibromochloromethane	9.506	129	35913	16.622	ug/l	99
61) 1,2-Dibromoethane	9.592	107	30096	16.653	ug/l	97
64) Tetrachloroethene	9.257	164	29380	19.169	ug/l	91
65) Chlorobenzene	10.061	112	90240	20.581	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.147	131	31833	21.344	ug/l	99
67) Ethyl Benzene	10.177	91	148851	20.163	ug/l	98
68) m/p-Xylenes	10.287	106	113969	40.772	ug/l	97
69) o-Xylene	10.622	106	56038	20.979	ug/l	95
70) Styrene	10.640	104	95313	21.064	ug/l	99
71) Bromoform	10.781	173	24624	22.823	ug/l #	99
73) Isopropylbenzene	10.945	105	139168	19.230	ug/l	99
74) N-amyl acetate	10.823	43	48347	18.726	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	36617	19.975	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	29111m	20.688	ug/l	
77) Bromobenzene	11.183	156	37050	20.725	ug/l	93
78) n-propylbenzene	11.287	91	163835	19.154	ug/l	97
79) 2-Chlorotoluene	11.348	91	100806	19.629	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	119114	20.078	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	8095	19.908	ug/l #	77
82) 4-Chlorotoluene	11.439	91	119827	19.848	ug/l	96
83) tert-Butylbenzene	11.695	119	121253	20.076	ug/l	95
84) 1,2,4-Trimethylbenzene	11.732	105	120089	20.444	ug/l	98
85) sec-Butylbenzene	11.872	105	147040	19.539	ug/l	98
86) p-Isopropyltoluene	11.988	119	126605	19.900	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	70066	20.522	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	70654	20.318	ug/l	99
89) n-Butylbenzene	12.311	91	113799	19.051	ug/l	98
90) Hexachloroethane	12.518	117	22335	19.979	ug/l	91
91) 1,2-Dichlorobenzene	12.317	146	68387	21.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	7146	19.907	ug/l	90
93) 1,2,4-Trichlorobenzene	13.567	180	44016	20.161	ug/l	98
94) Hexachlorobutadiene	13.707	225	18570	20.278	ug/l	97
95) Naphthalene	13.756	128	113342	20.556	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	40205	20.274	ug/l	97

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

