

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048003.D
 Acq On : 03 Oct 2025 18:20
 Operator : JC/MD
 Sample : VX1003WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:53:49 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	150681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	269838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129385	53.945	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.880%			
35) Dibromofluoromethane	5.373	113	99198	54.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.640%			
50) Toluene-d8	8.634	98	332776	53.143	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.280%			
62) 4-Bromofluorobenzene	11.061	95	133109	56.011	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	29623	18.985	ug/l	100
3) Chloromethane	1.300	50	33906	16.534	ug/l	99
4) Vinyl Chloride	1.380	62	36132	17.999	ug/l	96
5) Bromomethane	1.617	94	23167	18.200	ug/l	97
6) Chloroethane	1.697	64	24320	18.127	ug/l	96
7) Trichlorofluoromethane	1.898	101	56971	19.114	ug/l	99
8) Diethyl Ether	2.136	74	22344	18.326	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	34568	19.834	ug/l	97
10) Methyl Iodide	2.459	142	37068	13.637	ug/l	99
11) Tert butyl alcohol	2.946	59	25494	95.439	ug/l	95
12) 1,1-Dichloroethene	2.325	96	33191	18.540	ug/l	97
13) Acrolein	2.239	56	18929	76.897	ug/l	96
14) Allyl chloride	2.666	41	62437	16.901	ug/l	98
15) Acrylonitrile	3.062	53	99560	100.622	ug/l	99
16) Acetone	2.380	43	81937	78.570	ug/l	98
17) Carbon Disulfide	2.520	76	79658	16.253	ug/l	98
18) Methyl Acetate	2.703	43	48946	21.089	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	118224	18.090	ug/l	99
20) Methylene Chloride	2.794	84	41398	18.754	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	35430	18.382	ug/l	96
22) Diisopropyl ether	3.751	45	135824	18.971	ug/l #	80
23) Vinyl Acetate	3.715	43	518725	90.527	ug/l	100
24) 1,1-Dichloroethane	3.605	63	71247	18.723	ug/l	98
25) 2-Butanone	4.550	43	120254	92.444	ug/l	98
26) 2,2-Dichloropropane	4.471	77	49182	15.548	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	43854	18.579	ug/l	97
28) Bromochloromethane	4.897	49	30585	18.410	ug/l	98
29) Tetrahydrofuran	4.995	42	75690	96.722	ug/l	99
30) Chloroform	5.080	83	74869	19.470	ug/l	99
31) Cyclohexane	5.464	56	53028	16.731	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	62041	19.021	ug/l	99
36) 1,1-Dichloropropene	5.684	75	46513	17.589	ug/l	99
37) Ethyl Acetate	4.708	43	52138	18.414	ug/l	97
38) Carbon Tetrachloride	5.665	117	53241	18.531	ug/l	98
39) Methylcyclohexane	7.366	83	49770	16.581	ug/l	99
40) Benzene	6.025	78	148822	18.529	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	28415	19.440	ug/l	98
42) 1,2-Dichloroethane	6.074	62	57244	18.732	ug/l	99
43) Isopropyl Acetate	6.330	43	83676	18.020	ug/l	100
44) Trichloroethene	7.110	130	36025	18.553	ug/l	94
45) 1,2-Dichloropropane	7.415	63	38965	18.946	ug/l	98
46) Dibromomethane	7.568	93	28138	18.801	ug/l	97
47) Bromodichloromethane	7.805	83	59950	19.412	ug/l	97
48) Methyl methacrylate	7.677	41	41458	17.924	ug/l	98
49) 1,4-Dioxane	7.647	88	10147	434.083	ug/l	93
51) 4-Methyl-2-Pentanone	8.561	43	259786	100.902	ug/l	98
52) Toluene	8.702	92	92947	18.784	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	54503	17.302	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	59834	17.771	ug/l	97
55) 1,1,2-Trichloroethane	9.140	97	37749	19.784	ug/l	99
56) Ethyl methacrylate	9.104	69	54144	18.069	ug/l	99
57) 1,3-Dichloropropane	9.293	76	65048	19.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	131137	98.713	ug/l	100
59) 2-Hexanone	9.415	43	178818	96.705	ug/l	100
60) Dibromochloromethane	9.506	129	43270	19.682	ug/l	96
61) 1,2-Dibromoethane	9.592	107	38541	19.832	ug/l	98
64) Tetrachloroethene	9.256	164	29527	17.781	ug/l	96
65) Chlorobenzene	10.061	112	103921	17.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	36593	18.324	ug/l	99
67) Ethyl Benzene	10.177	91	174251	17.451	ug/l	100
68) m/p-Xylenes	10.287	106	131463	35.372	ug/l	98
69) o-Xylene	10.628	106	62724	17.448	ug/l	100
70) Styrene	10.640	104	111801	17.750	ug/l	98
71) Bromoform	10.780	173	27597	18.507	ug/l #	99
73) Isopropylbenzene	10.945	105	162826	15.976	ug/l	98
74) N-amyl acetate	10.829	43	71828	15.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54799	17.772	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	47828m	17.622	ug/l	
77) Bromobenzene	11.183	156	42225	16.822	ug/l	95
78) n-propylbenzene	11.286	91	196303	16.294	ug/l	100
79) 2-Chlorotoluene	11.347	91	118759	16.094	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	135380	16.168	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	15104	14.191	ug/l	98
82) 4-Chlorotoluene	11.439	91	143703	16.489	ug/l	99
83) tert-Butylbenzene	11.695	119	135755	15.838	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	136542	16.084	ug/l	99
85) sec-Butylbenzene	11.872	105	165665	16.271	ug/l	100
86) p-Isopropyltoluene	11.994	119	137539	15.957	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	76577	16.425	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	78618	16.429	ug/l	100
89) n-Butylbenzene	12.317	91	125001	15.673	ug/l	98
90) Hexachloroethane	12.518	117	25632	16.938	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	74218	16.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	10358	16.592	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	43327	15.009	ug/l	100
94) Hexachlorobutadiene	13.707	225	14826	15.120	ug/l	99
95) Naphthalene	13.756	128	129687	14.753	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	41894	15.601	ug/l	97

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

