

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048414.D
 Acq On : 29 Oct 2025 14:27
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102925

Quant Time: Oct 30 02:39:06 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 :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	169033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	283921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	120737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	113083	46.518	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.040%		
35) Dibromofluoromethane	5.361	113	75432	46.599	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	8.628	98	332571	46.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.080%		
62) 4-Bromofluorobenzene	11.061	95	121242	45.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	87826	50.937	ug/l	98
3) Chloromethane	1.300	50	49984	51.381	ug/l	100
4) Vinyl Chloride	1.380	62	113635	50.568	ug/l	100
5) Bromomethane	1.617	94	42740	52.651	ug/l	99
6) Chloroethane	1.691	64	65647	49.122	ug/l	97
7) Trichlorofluoromethane	1.892	101	172799	50.180	ug/l	98
8) Diethyl Ether	2.129	74	61387	49.323	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	96708	49.927	ug/l	97
10) Methyl Iodide	2.453	142	381375	48.964	ug/l	97
11) Tert butyl alcohol	2.928	59	42280	227.013	ug/l	100
12) 1,1-Dichloroethene	2.325	96	98107	49.864	ug/l	92
13) Acrolein	2.233	56	88198	226.874	ug/l	97
14) Allyl chloride	2.660	41	161876	48.584	ug/l	97
15) Acrylonitrile	3.050	53	203321	239.972	ug/l	98
16) Acetone	2.367	43	128407	233.060	ug/l	100
17) Carbon Disulfide	2.514	76	285049	50.529	ug/l	100
18) Methyl Acetate	2.690	43	82047	44.525	ug/l	95
19) Methyl tert-butyl Ether	3.099	73	305066	48.420	ug/l	100
20) Methylene Chloride	2.782	84	104451	49.180	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	103065	49.318	ug/l	99
22) Diisopropyl ether	3.745	45	343340	50.345	ug/l	86
23) Vinyl Acetate	3.702	43	1149068	247.515	ug/l	98
24) 1,1-Dichloroethane	3.599	63	190850	49.311	ug/l	99
25) 2-Butanone	4.525	43	205140	233.069	ug/l	98
26) 2,2-Dichloropropane	4.458	77	161320	48.409	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	123416	49.483	ug/l	98
28) Bromochloromethane	4.873	49	87699	49.998	ug/l	94
29) Tetrahydrofuran	4.970	42	140040	223.415	ug/l	96
30) Chloroform	5.068	83	191447	48.085	ug/l	96
31) Cyclohexane	5.452	56	164771	49.045	ug/l	91
32) 1,1,1-Trichloroethane	5.361	97	172962	49.209	ug/l	100
36) 1,1-Dichloropropene	5.672	75	134675	49.543	ug/l	100
37) Ethyl Acetate	4.684	43	108329	46.775	ug/l	97
38) Carbon Tetrachloride	5.653	117	150439	47.932	ug/l	95
39) Methylcyclohexane	7.360	83	169550	48.502	ug/l	96
40) Benzene	6.013	78	405701	48.853	ug/l	99

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41) Methacrylonitrile	4.891	41	55528	47.600	ug/l	96
42) 1,2-Dichloroethane	6.062	62	140522	48.040	ug/l	99
43) Isopropyl Acetate	6.312	43	178752	46.749	ug/l	97
44) Trichloroethene	7.104	130	105821	48.636	ug/l	99
45) 1,2-Dichloropropane	7.409	63	99046	47.756	ug/l	97
46) Dibromomethane	7.561	93	69810	48.082	ug/l	97
47) Bromodichloromethane	7.799	83	150891	48.913	ug/l	98
48) Methyl methacrylate	7.671	41	90239	48.394	ug/l	96
49) 1,4-Dioxane	7.635	88	20720	977.625	ug/l	92
51) 4-Methyl-2-Pentanone	8.549	43	485001	227.914	ug/l	96
52) Toluene	8.701	92	252888	48.734	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	139347	49.836	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	148316	49.233	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	89132	47.464	ug/l	97
56) Ethyl methacrylate	9.098	69	133617	48.593	ug/l	97
57) 1,3-Dichloropropane	9.287	76	154729	47.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	360689	221.341	ug/l	97
59) 2-Hexanone	9.409	43	323151	233.382	ug/l	98
60) Dibromochloromethane	9.500	129	111965	48.209	ug/l	100
61) 1,2-Dibromoethane	9.592	107	91354	47.024	ug/l	100
64) Tetrachloroethene	9.256	164	95139	47.723	ug/l	95
65) Chlorobenzene	10.061	112	276902	48.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.140	131	97283	50.149	ug/l	99
67) Ethyl Benzene	10.177	91	483137	50.314	ug/l	98
68) m/p-Xylenes	10.280	106	364180	100.167	ug/l	97
69) o-Xylene	10.622	106	174961	50.358	ug/l	96
70) Styrene	10.634	104	297560	50.557	ug/l	99
71) Bromoform	10.780	173	66125	47.120	ug/l #	99
73) Isopropylbenzene	10.945	105	452795	50.703	ug/l	99
74) N-amyl acetate	10.823	43	158286	49.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	105640	46.702	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	87607m	50.455	ug/l	
77) Bromobenzene	11.177	156	107639	48.794	ug/l	97
78) n-propylbenzene	11.286	91	532087	50.412	ug/l	98
79) 2-Chlorotoluene	11.341	91	312464	49.307	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	370047	50.550	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	25014	49.854	ug/l #	80
82) 4-Chlorotoluene	11.433	91	368839	49.510	ug/l	98
83) tert-Butylbenzene	11.695	119	368966	49.509	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	376695	51.971	ug/l	99
85) sec-Butylbenzene	11.872	105	465581	50.138	ug/l	99
86) p-Isopropyltoluene	11.987	119	400026	50.956	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	201043	47.721	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	200104	46.635	ug/l	98
89) n-Butylbenzene	12.311	91	362152	49.134	ug/l	98
90) Hexachloroethane	12.518	117	69400	50.310	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	187978	48.150	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20591	46.487	ug/l	96
93) 1,2,4-Trichlorobenzene	13.566	180	131117	48.671	ug/l	100
94) Hexachlorobutadiene	13.707	225	54839	48.529	ug/l	97
95) Naphthalene	13.755	128	331522	48.726	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	118602	48.468	ug/l	99

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

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