

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048887.D
 Acq On : 16 Dec 2025 14:01
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 17 02:18:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 02:17:03 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)

Internal Standards						
1) Pentafluorobenzene	5.531	168	84588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	149510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	145715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	69330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	7678	5.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.860%#		
35) Dibromofluoromethane	5.373	113	5417	4.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.740%#		
50) Toluene-d8	8.628	98	20312	5.120	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.240%#		
62) 4-Bromofluorobenzene	11.061	95	7915	5.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	4704	4.832	ug/l	94
3) Chloromethane	1.300	50	6507	5.358	ug/l	100
4) Vinyl Chloride	1.380	62	5474	4.952	ug/l	95
5) Bromomethane	1.617	94	4260	5.730	ug/l	88
6) Chloroethane	1.697	64	3604	5.356	ug/l	95
7) Trichlorofluoromethane	1.892	101	8061	5.059	ug/l	84
8) Diethyl Ether	2.130	74	2869	4.628	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.337	101	4641	5.163	ug/l	93
10) Methyl Iodide	2.453	142	6115	4.798	ug/l	96
11) Tert butyl alcohol	2.922	59	1699	20.829	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	4518	5.114	ug/l	93
13) Acrolein	2.233	56	2263	26.070	ug/l	95
14) Allyl chloride	2.660	41	8216	4.489	ug/l #	87
15) Acrylonitrile	3.050	53	9755	21.848	ug/l	93
16) Acetone	2.373	43	6605	22.176	ug/l	100
17) Carbon Disulfide	2.514	76	14041	5.267	ug/l	99
18) Methyl Acetate	2.697	43	4157	4.327	ug/l #	89
19) Methyl tert-butyl Ether	3.099	73	14517	4.576	ug/l	95
20) Methylene Chloride	2.782	84	5945	4.833	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	4732	4.768	ug/l	96
22) Diisopropyl ether	3.739	45	18379	4.555	ug/l #	85
23) Vinyl Acetate	3.709	43	63496	21.525	ug/l	97
24) 1,1-Dichloroethane	3.599	63	10576	4.970	ug/l #	93
25) 2-Butanone	4.544	43	10085	21.587	ug/l #	89
26) 2,2-Dichloropropane	4.452	77	8837	5.076	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	6220	4.895	ug/l	89
28) Bromochloromethane	4.879	49	5270	4.873	ug/l	84
29) Tetrahydrofuran	4.989	42	7055	21.053	ug/l #	70
30) Chloroform	5.080	83	10560	4.924	ug/l	92
31) Cyclohexane	5.440	56	8068	5.079	ug/l #	80
32) 1,1,1-Trichloroethane	5.367	97	9629	5.227	ug/l	95
36) 1,1-Dichloropropene	5.672	75	7456	5.346	ug/l	92
37) Ethyl Acetate	4.696	43	4789	3.595	ug/l #	75
38) Carbon Tetrachloride	5.659	117	8814	5.302	ug/l	94
39) Methylcyclohexane	7.354	83	7724	4.928	ug/l	96
40) Benzene	6.019	78	23815	5.151	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	2661	3.992	ug/l #	77
42) 1,2-Dichloroethane	6.068	62	8797	5.134	ug/l	93
43) Isopropyl Acetate	6.318	43	10602	4.799	ug/l #	91
44) Trichloroethene	7.110	130	6044	5.243	ug/l	85
45) 1,2-Dichloropropane	7.409	63	6598	5.273	ug/l	90
46) Dibromomethane	7.568	93	4299	5.243	ug/l	95
47) Bromodichloromethane	7.799	83	9298	5.128	ug/l #	97
48) Methyl methacrylate	7.677	41	5024	4.648	ug/l	95
49) 1,4-Dioxane	7.647	88	790	80.233	ug/l #	60
51) 4-Methyl-2-Pentanone	8.555	43	29043	23.497	ug/l	94
52) Toluene	8.702	92	14347	5.173	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	8770	4.987	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	9719	5.104	ug/l	92
55) 1,1,2-Trichloroethane	9.134	97	5479	5.088	ug/l	94
56) Ethyl methacrylate	9.098	69	6695	4.588	ug/l	92
57) 1,3-Dichloropropane	9.287	76	9625	5.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	19550	22.353	ug/l	93
59) 2-Hexanone	9.415	43	19223	22.869	ug/l	92
60) Dibromochloromethane	9.506	129	6692	5.020	ug/l	96
61) 1,2-Dibromoethane	9.592	107	5713	5.420	ug/l	95
64) Tetrachloroethene	9.256	164	4846	5.171	ug/l	96
65) Chlorobenzene	10.061	112	16591	5.075	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.146	131	5829	5.008	ug/l	97
67) Ethyl Benzene	10.177	91	27730	5.005	ug/l	97
68) m/p-Xylenes	10.281	106	20397	9.996	ug/l	98
69) o-Xylene	10.622	106	9471	4.779	ug/l	97
70) Styrene	10.640	104	15879	4.740	ug/l	95
71) Bromoform	10.787	173	4353	5.005	ug/l #	96
73) Isopropylbenzene	10.945	105	24646	5.210	ug/l	99
74) N-amyl acetate	10.829	43	9529	4.758	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	7158	5.138	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	6196m	4.047	ug/l	
77) Bromobenzene	11.177	156	6387	5.280	ug/l	93
78) n-propylbenzene	11.287	91	30334	5.292	ug/l	97
79) 2-Chlorotoluene	11.347	91	18530	5.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	19661	5.060	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	1935	4.409	ug/l	86
82) 4-Chlorotoluene	11.433	91	20845	5.138	ug/l	97
83) tert-Butylbenzene	11.695	119	20238	5.042	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	20089	5.117	ug/l	98
85) sec-Butylbenzene	11.872	105	24873	5.026	ug/l	97
86) p-Isopropyltoluene	11.988	119	20141	4.965	ug/l	96
87) 1,3-Dichlorobenzene	11.951	146	11670	5.142	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	12445	5.227	ug/l	94
89) n-Butylbenzene	12.311	91	19068	4.914	ug/l	97
90) Hexachloroethane	12.518	117	4656	5.335	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	11643	5.189	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1158	4.645	ug/l	84
93) 1,2,4-Trichlorobenzene	13.567	180	5681	4.404	ug/l	97
94) Hexachlorobutadiene	13.707	225	2898	5.202	ug/l	93
95) Naphthalene	13.756	128	13283	4.076	ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	5128	4.424	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

