

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048881.D
 Acq On : 15 Dec 2025 16:24
 Operator : JC/MD
 Sample : Q3863-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-121225MS

Quant Time: Dec 16 00:18:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
 Supervised By :Semsettin Yesilyurt 12/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	141171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117780	62.160	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.320%#			
35) Dibromofluoromethane	5.367	113	92567	53.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	8.634	98	285243	46.705	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.420%			
62) 4-Bromofluorobenzene	11.061	95	115242	54.721	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	86612	60.215	ug/l	99
3) Chloromethane	1.300	50	93424	51.471	ug/l	95
4) Vinyl Chloride	1.380	62	186492	96.475	ug/l	99
5) Bromomethane	1.617	94	64022	53.593	ug/l	97
6) Chloroethane	1.697	64	59907	49.794	ug/l	99
7) Trichlorofluoromethane	1.898	101	137851	49.756	ug/l	98
8) Diethyl Ether	2.136	74	53569	48.443	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	376417	234.361	ug/l	99
10) Methyl Iodide	2.459	142	111470	48.750	ug/l	97
11) Tert butyl alcohol	2.934	59	36316	118.714	ug/l	98
12) 1,1-Dichloroethene	2.325	96	144221	87.978	ug/l	100
13) Acrolein	2.233	56	42177	160.029	ug/l	99
14) Allyl chloride	2.666	41	145235	52.770	ug/l	96
15) Acrylonitrile	3.056	53	185592	194.704	ug/l	99
16) Acetone	2.373	43	136920	188.762	ug/l	97
17) Carbon Disulfide	2.514	76	215091	45.182	ug/l	98
18) Methyl Acetate	2.696	43	78205	38.319	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	267441	50.130	ug/l	100
20) Methylene Chloride	2.788	84	97464	53.757	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	92933	55.545	ug/l	98
22) Diisopropyl ether	3.751	45	312845	60.821	ug/l	90
23) Vinyl Acetate	3.715	43	1150854	266.277	ug/l	97
24) 1,1-Dichloroethane	3.605	63	207341	72.285	ug/l	99
25) 2-Butanone	4.538	43	171300	160.010	ug/l	92
26) 2,2-Dichloropropane	4.477	77	129871	51.171	ug/l #	1
27) cis-1,2-Dichloroethene	4.483	96	7273800	3852.683	ug/l	96
28) Bromochloromethane	4.885	49	69536	49.460	ug/l	85
29) Tetrahydrofuran	4.983	42	113684	139.071	ug/l	93
30) Chloroform	5.080	83	153409	49.914	ug/l	99
31) Cyclohexane	5.464	56	108849	42.504	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	137627	49.977	ug/l	97
36) 1,1-Dichloropropene	5.678	75	98212	41.156	ug/l	95
37) Ethyl Acetate	4.696	43	86228	30.240	ug/l #	81
38) Carbon Tetrachloride	5.665	117	116426	43.073	ug/l	94
39) Methylcyclohexane	7.372	83	95735	33.927	ug/l	99
40) Benzene	6.025	78	331750	46.896	ug/l	99

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41) Methacrylonitrile	4.903	41	48038	37.027	ug/l	93
42) 1,2-Dichloroethane	6.074	62	120938	48.301	ug/l	97
43) Isopropyl Acetate	6.324	43	147973	34.271	ug/l	97
44) Trichloroethene	7.135	130	11863025	6426.924	ug/l	90
45) 1,2-Dichloropropane	7.415	63	71108	40.217	ug/l	99
46) Dibromomethane	7.568	93	49501	36.918	ug/l	98
47) Bromodichloromethane	7.805	83	110896	39.669	ug/l	99
48) Methyl methacrylate	7.677	41	64537	29.714	ug/l	97
49) 1,4-Dioxane	7.647	88	13411	448.961	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	362281	135.180	ug/l	97
52) Toluene	8.701	92	182296	42.734	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	113207	42.566	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	118455	41.443	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	71362	41.577	ug/l	97
56) Ethyl methacrylate	9.098	69	98245	36.569	ug/l	97
57) 1,3-Dichloropropane	9.293	76	118125	41.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	2190	1.508	ug/l #	85
59) 2-Hexanone	9.415	43	252795	134.373	ug/l	97
60) Dibromochloromethane	9.500	129	90723	42.746	ug/l	100
61) 1,2-Dibromoethane	9.592	107	72332	38.938	ug/l	98
64) Tetrachloroethene	9.256	164	240905	150.681	ug/l	99
65) Chlorobenzene	10.061	112	209969	43.734	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	76693	44.661	ug/l	99
67) Ethyl Benzene	10.177	91	354440	45.242	ug/l	100
68) m/p-Xylenes	10.280	106	269362	88.265	ug/l	100
69) o-Xylene	10.622	106	132662	46.391	ug/l	99
70) Styrene	10.634	104	230710	46.996	ug/l	100
71) Bromoform	10.780	173	57598	37.570	ug/l #	100
73) Isopropylbenzene	10.945	105	335463	43.827	ug/l	100
74) N-amyl acetate	10.823	43	125546	37.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	90507	35.044	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	81773m	38.654	ug/l	
77) Bromobenzene	11.177	156	87010	42.590	ug/l	100
78) n-propylbenzene	11.286	91	395429	44.605	ug/l	100
79) 2-Chlorotoluene	11.347	91	240430	44.477	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	278422	44.253	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	30055	33.747	ug/l #	80
82) 4-Chlorotoluene	11.433	91	282217	44.738	ug/l	100
83) tert-Butylbenzene	11.695	119	288120	44.073	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	284547	44.835	ug/l	100
85) sec-Butylbenzene	11.872	105	337411	42.587	ug/l	99
86) p-Isopropyltoluene	11.987	119	288373	42.581	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	158747	42.151	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	166710	42.835	ug/l	99
89) n-Butylbenzene	12.311	91	259977	41.000	ug/l	100
90) Hexachloroethane	12.518	117	57847	41.851	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	156257	42.795	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	16537	26.310	ug/l	98
93) 1,2,4-Trichlorobenzene	13.566	180	92410	38.320	ug/l	97
94) Hexachlorobutadiene	13.707	225	38043	38.138	ug/l	96
95) Naphthalene	13.755	128	251393	38.341	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	86862	39.057	ug/l	98

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

