

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048882.D
 Acq On : 15 Dec 2025 16:45
 Operator : JC/MD
 Sample : Q3863-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 16 00:19:23 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	131036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	222493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	193490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	100925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98471	55.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.980%			
35) Dibromofluoromethane	5.373	113	80598	52.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.634	98	270783	50.425	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.061	95	103862	56.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	73582	55.113	ug/l	98
3) Chloromethane	1.300	50	74701	44.339	ug/l	99
4) Vinyl Chloride	1.380	62	162650	90.649	ug/l	99
5) Bromomethane	1.617	94	51311	46.275	ug/l	100
6) Chloroethane	1.697	64	46526	41.663	ug/l	97
7) Trichlorofluoromethane	1.898	101	114063	44.354	ug/l	97
8) Diethyl Ether	2.136	74	42731	41.631	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	358857	240.709	ug/l	99
10) Methyl Iodide	2.459	142	94293	44.427	ug/l	99
11) Tert butyl alcohol	2.934	59	29292	103.160	ug/l	100
12) 1,1-Dichloroethene	2.325	96	126132	82.894	ug/l	99
13) Acrolein	2.233	56	31881	137.778	ug/l	100
14) Allyl chloride	2.666	41	115783	45.323	ug/l	96
15) Acrylonitrile	3.056	53	146769	165.884	ug/l	99
16) Acetone	2.373	43	111364	165.404	ug/l	100
17) Carbon Disulfide	2.520	76	175161	39.640	ug/l	97
18) Methyl Acetate	2.697	43	60647	32.015	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	214629	43.342	ug/l	98
20) Methylene Chloride	2.788	84	77908	46.294	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	76687	49.380	ug/l	98
22) Diisopropyl ether	3.745	45	249410	52.239	ug/l	93
23) Vinyl Acetate	3.709	43	929909	231.798	ug/l	97
24) 1,1-Dichloroethane	3.605	63	170885	64.184	ug/l	99
25) 2-Butanone	4.544	43	145810	146.734	ug/l	98
26) 2,2-Dichloropropane	4.471	77	109310	46.400	ug/l #	1
27) cis-1,2-Dichloroethene	4.483	96	6900309	3937.543	ug/l	96
28) Bromochloromethane	4.885	49	65432	50.141	ug/l	90
29) Tetrahydrofuran	4.983	42	96564	127.264	ug/l	95
30) Chloroform	5.080	83	130003	45.571	ug/l	99
31) Cyclohexane	5.464	56	98031	41.240	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	120634	47.194	ug/l	97
36) 1,1-Dichloropropene	5.678	75	84084	40.074	ug/l	99
37) Ethyl Acetate	4.702	43	72261	28.822	ug/l #	83
38) Carbon Tetrachloride	5.665	117	98121	41.285	ug/l	96
39) Methylcyclohexane	7.366	83	90112	36.320	ug/l	100
40) Benzene	6.025	78	283932	45.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	39017	34.203	ug/l	95
42) 1,2-Dichloroethane	6.068	62	101792	46.237	ug/l	97
43) Isopropyl Acetate	6.318	43	127174	33.499	ug/l	96
44) Trichloroethene	7.135	130	11914671	7341.212	ug/l	88
45) 1,2-Dichloropropane	7.415	63	61555	39.594	ug/l	98
46) Dibromomethane	7.568	93	44066	37.377	ug/l	96
47) Bromodichloromethane	7.805	83	97454	39.647	ug/l	98
48) Methyl methacrylate	7.677	41	56099	29.375	ug/l	98
49) 1,4-Dioxane	7.641	88	12288	467.850	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	324933	137.892	ug/l	96
52) Toluene	8.702	92	161521	43.063	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	100193	42.846	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	104389	41.537	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	62303	41.283	ug/l	97
56) Ethyl methacrylate	9.098	69	87004	36.832	ug/l	98
57) 1,3-Dichloropropane	9.293	76	104074	41.473	ug/l	100
59) 2-Hexanone	9.415	43	222265	134.367	ug/l	99
60) Dibromochloromethane	9.506	129	79201	42.441	ug/l	100
61) 1,2-Dibromoethane	9.592	107	63984	39.173	ug/l	100
64) Tetrachloroethene	9.256	164	246158	174.535	ug/l	99
65) Chlorobenzene	10.061	112	183062	43.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	67463	44.534	ug/l	99
67) Ethyl Benzene	10.177	91	313692	45.390	ug/l	98
68) m/p-Xylenes	10.287	106	241149	89.577	ug/l	99
69) o-Xylene	10.622	106	115563	45.810	ug/l	98
70) Styrene	10.634	104	201850	46.610	ug/l	100
71) Bromoform	10.780	173	50601	37.415	ug/l #	99
73) Isopropylbenzene	10.945	105	300847	44.234	ug/l	100
74) N-amyl acetate	10.823	43	110213	37.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	80284	34.985	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	72442m	38.538	ug/l	
77) Bromobenzene	11.177	156	76119	41.932	ug/l	99
78) n-propylbenzene	11.286	91	355231	45.097	ug/l	100
79) 2-Chlorotoluene	11.347	91	215978	44.965	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	248035	44.368	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	26854	33.935	ug/l #	80
82) 4-Chlorotoluene	11.433	91	252059	44.969	ug/l	100
83) tert-Butylbenzene	11.695	119	261811	45.071	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	254101	45.059	ug/l	100
85) sec-Butylbenzene	11.872	105	312770	44.429	ug/l	100
86) p-Isopropyltoluene	11.988	119	266905	44.355	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	141975	42.426	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	151084	43.689	ug/l	99
89) n-Butylbenzene	12.311	91	241139	42.800	ug/l	100
90) Hexachloroethane	12.518	117	51774	42.156	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	139053	42.860	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	14745	26.401	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	87905	41.024	ug/l	99
94) Hexachlorobutadiene	13.707	225	36558	41.247	ug/l	96
95) Naphthalene	13.756	128	231209	39.531	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	80061	40.515	ug/l	99

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

