

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
 Data File : VX047538.D
 Acq On : 27 Aug 2025 14:10
 Operator : JC/MD
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Quant Time: Aug 28 01:19:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2025
 Supervised By : Mahesh Dadoda 08/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	220236	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	393971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	179687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170379	55.277	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.560%			
35) Dibromofluoromethane	5.391	113	136915	53.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	8.647	98	464797	50.858	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	181502	53.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	45012	16.033	ug/l	97
3) Chloromethane	1.306	50	43530	17.235	ug/l	98
4) Vinyl Chloride	1.392	62	51419	16.220	ug/l	100
5) Bromomethane	1.630	94	24719	19.305	ug/l	94
6) Chloroethane	1.703	64	33435	17.239	ug/l	97
7) Trichlorofluoromethane	1.904	101	79657	16.988	ug/l	95
8) Diethyl Ether	2.148	74	33053	20.019	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	49593	18.233	ug/l	100
10) Methyl Iodide	2.465	142	60681	13.018	ug/l	96
11) Tert butyl alcohol	2.953	59	32466	121.078	ug/l	99
12) 1,1-Dichloroethene	2.337	96	47926	17.283	ug/l	98
13) Acrolein	2.245	56	47779	84.410	ug/l	96
14) Allyl chloride	2.678	41	88515	18.378	ug/l	98
15) Acrylonitrile	3.081	53	134982	104.177	ug/l	99
16) Acetone	2.392	43	110951	95.766	ug/l	98
17) Carbon Disulfide	2.526	76	126899	15.165	ug/l	100
18) Methyl Acetate	2.715	43	73750	24.564	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	173018	20.510	ug/l	100
20) Methylene Chloride	2.800	84	58610	19.104	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	52352	17.788	ug/l	99
22) Diisopropyl ether	3.769	45	197608	20.757	ug/l	96
23) Vinyl Acetate	3.733	43	777236	99.605	ug/l	100
24) 1,1-Dichloroethane	3.623	63	104513	19.422	ug/l	98
25) 2-Butanone	4.562	43	164587	108.470	ug/l	99
26) 2,2-Dichloropropane	4.489	77	70336	17.318	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	65435	19.089	ug/l	99
28) Bromochloromethane	4.910	49	51997	23.221	ug/l	99
29) Tetrahydrofuran	5.019	42	102290	104.301	ug/l	99
30) Chloroform	5.098	83	109565	19.951	ug/l	99
31) Cyclohexane	5.483	56	82241	16.579	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	88532	18.729	ug/l	99
36) 1,1-Dichloropropene	5.702	75	69347	17.181	ug/l	100
37) Ethyl Acetate	4.721	43	71775	17.129	ug/l #	95
38) Carbon Tetrachloride	5.684	117	75784	17.182	ug/l	98
39) Methylcyclohexane	7.379	83	74316	14.761	ug/l	95
40) Benzene	6.043	78	220872	18.282	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	36910	20.888	ug/l	94
42) 1,2-Dichloroethane	6.092	62	82496	19.278	ug/l	100
43) Isopropyl Acetate	6.342	43	117208	19.471	ug/l	99
44) Trichloroethene	7.129	130	53842	17.405	ug/l	95
45) 1,2-Dichloropropane	7.433	63	57610	19.034	ug/l	99
46) Dibromomethane	7.580	93	42062	19.143	ug/l	99
47) Bromodichloromethane	7.824	83	86934	19.084	ug/l	99
48) Methyl methacrylate	7.696	41	61848	19.794	ug/l	97
49) 1,4-Dioxane	7.689	88	13669	450.005	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	358227	103.412	ug/l	97
52) Toluene	8.720	92	136224	18.247	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	77334	19.452	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86551	19.234	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	55392	19.542	ug/l	98
56) Ethyl methacrylate	9.116	69	82662	19.781	ug/l	99
57) 1,3-Dichloropropane	9.305	76	94658	19.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	197369	103.957	ug/l	98
59) 2-Hexanone	9.433	43	239202	99.826	ug/l	99
60) Dibromochloromethane	9.518	129	65952	19.579	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56812	19.437	ug/l	98
64) Tetrachloroethene	9.275	164	44353	17.072	ug/l	94
65) Chlorobenzene	10.079	112	154491	18.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54189	18.780	ug/l	98
67) Ethyl Benzene	10.195	91	262140	17.843	ug/l	100
68) m/p-Xylenes	10.299	106	199757	36.465	ug/l	100
69) o-Xylene	10.640	106	96488	18.303	ug/l	98
70) Styrene	10.652	104	169924	19.077	ug/l	100
71) Bromoform	10.799	173	42201	19.468	ug/l #	99
73) Isopropylbenzene	10.963	105	250551	17.818	ug/l	100
74) N-amyl acetate	10.841	43	101715	19.049	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	83045	20.115	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68237m	20.705	ug/l	
77) Bromobenzene	11.195	156	64602	18.814	ug/l	99
78) n-propylbenzene	11.305	91	294793	17.554	ug/l	99
79) 2-Chlorotoluene	11.360	91	184293	18.154	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206921	17.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10213	19.216	ug/l	98
82) 4-Chlorotoluene	11.451	91	216377	18.081	ug/l	100
83) tert-Butylbenzene	11.713	119	207414	17.970	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	208887	18.055	ug/l	98
85) sec-Butylbenzene	11.890	105	247596	17.306	ug/l	99
86) p-Isopropyltoluene	12.006	119	208523	17.224	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118879	18.123	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	121437	18.000	ug/l	97
89) n-Butylbenzene	12.329	91	190686	16.934	ug/l	99
90) Hexachloroethane	12.536	117	36351	17.116	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	117037	18.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14728	18.447	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	70536	16.899	ug/l	99
94) Hexachlorobutadiene	13.725	225	23961	16.127	ug/l	98
95) Naphthalene	13.774	128	209954	17.602	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65974	16.768	ug/l	98

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

