

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100825\
 Data File : VX048060.D
 Acq On : 08 Oct 2025 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 04:48:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	142766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	249681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	115199	50.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.380%			
35) Dibromofluoromethane	5.367	113	89573	53.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	8.628	98	291167	50.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.500%			
62) 4-Bromofluorobenzene	11.061	95	112306	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	70487	47.679	ug/l	98
3) Chloromethane	1.300	50	82248	42.331	ug/l	99
4) Vinyl Chloride	1.380	62	87015	45.750	ug/l	97
5) Bromomethane	1.611	94	52854	43.824	ug/l	100
6) Chloroethane	1.691	64	61273	48.201	ug/l	98
7) Trichlorofluoromethane	1.892	101	139505	49.399	ug/l	99
8) Diethyl Ether	2.136	74	58553	50.686	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	83177	50.371	ug/l	98
10) Methyl Iodide	2.453	142	92444	35.896	ug/l	99
11) Tert butyl alcohol	2.940	59	69439	274.361	ug/l	100
12) 1,1-Dichloroethene	2.325	96	80097	47.221	ug/l	97
13) Acrolein	2.233	56	60580	259.744	ug/l	95
14) Allyl chloride	2.666	41	159959	45.700	ug/l	98
15) Acrylonitrile	3.056	53	269261	287.220	ug/l	99
16) Acetone	2.373	43	283748	287.171	ug/l	100
17) Carbon Disulfide	2.514	76	195042	42.003	ug/l	99
18) Methyl Acetate	2.696	43	133554	60.735	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	324897	52.471	ug/l	100
20) Methylene Chloride	2.788	84	105026	50.216	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	86313	47.264	ug/l	99
22) Diisopropyl ether	3.745	45	349580	51.534	ug/l	85
23) Vinyl Acetate	3.708	43	1424209	262.329	ug/l	100
24) 1,1-Dichloroethane	3.599	63	184284	51.112	ug/l	99
25) 2-Butanone	4.532	43	353959	287.187	ug/l	97
26) 2,2-Dichloropropane	4.458	77	148117	49.421	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	111585	49.894	ug/l	99
28) Bromochloromethane	4.879	49	83711	53.183	ug/l	97
29) Tetrahydrofuran	4.983	42	201255	271.436	ug/l	98
30) Chloroform	5.074	83	190485	52.282	ug/l	100
31) Cyclohexane	5.458	56	124209	41.363	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	156898	50.770	ug/l	99
36) 1,1-Dichloropropene	5.678	75	109417	44.718	ug/l	98
37) Ethyl Acetate	4.690	43	136394	52.061	ug/l	98
38) Carbon Tetrachloride	5.659	117	130305	49.014	ug/l	97
39) Methylcyclohexane	7.360	83	117606	42.343	ug/l	97
40) Benzene	6.019	78	362252	48.744	ug/l	99

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41) Methacrylonitrile	4.897	41	75485	55.811	ug/l	97
42) 1,2-Dichloroethane	6.068	62	143515	50.754	ug/l	100
43) Isopropyl Acetate	6.318	43	226003	52.599	ug/l	99
44) Trichloroethene	7.104	130	87143	48.502	ug/l	95
45) 1,2-Dichloropropane	7.409	63	98335	51.675	ug/l	100
46) Dibromomethane	7.561	93	72217	52.150	ug/l	98
47) Bromodichloromethane	7.799	83	153581	53.745	ug/l	97
48) Methyl methacrylate	7.671	41	111030	51.877	ug/l	98
49) 1,4-Dioxane	7.641	88	29668	1371.643	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	671424	281.838	ug/l	100
52) Toluene	8.701	92	219994	48.048	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	149768	51.382	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	157197	50.457	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	94598	53.582	ug/l	97
56) Ethyl methacrylate	9.098	69	146776	52.937	ug/l	98
57) 1,3-Dichloropropane	9.293	76	160124	52.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	355892	267.397	ug/l	100
59) 2-Hexanone	9.415	43	481990	281.705	ug/l	100
60) Dibromochloromethane	9.506	129	111785	54.951	ug/l	99
61) 1,2-Dibromoethane	9.592	107	95415	53.060	ug/l	100
64) Tetrachloroethene	9.256	164	65349	45.066	ug/l	99
65) Chlorobenzene	10.061	112	250694	49.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	92200	52.873	ug/l	100
67) Ethyl Benzene	10.177	91	421306	48.319	ug/l	100
68) m/p-Xylenes	10.287	106	316410	97.495	ug/l	100
69) o-Xylene	10.622	106	152812	48.681	ug/l	100
70) Styrene	10.640	104	275006	49.999	ug/l	98
71) Bromoform	10.780	173	73283	56.282	ug/l #	99
73) Isopropylbenzene	10.945	105	394353	47.090	ug/l	100
74) N-amyl acetate	10.823	43	190626	49.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	136162	53.740	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	107355m	48.136	ug/l	
77) Bromobenzene	11.177	156	99688	48.331	ug/l	97
78) n-propylbenzene	11.286	91	466993	47.172	ug/l	100
79) 2-Chlorotoluene	11.347	91	288055	47.507	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	324647	47.184	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	41813	47.810	ug/l	98
82) 4-Chlorotoluene	11.433	91	338810	47.312	ug/l	100
83) tert-Butylbenzene	11.695	119	335778	47.673	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	331590	47.536	ug/l	99
85) sec-Butylbenzene	11.872	105	394819	47.193	ug/l	100
86) p-Isopropyltoluene	11.988	119	331575	46.815	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	182830	47.723	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	185459	47.166	ug/l	99
89) n-Butylbenzene	12.317	91	304861	46.518	ug/l	99
90) Hexachloroethane	12.518	117	61895	49.774	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	179450	49.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27476	53.561	ug/l	99
93) 1,2,4-Trichlorobenzene	13.566	180	111738	47.105	ug/l	99
94) Hexachlorobutadiene	13.707	225	36663	45.503	ug/l	97
95) Naphthalene	13.755	128	354988	49.145	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	106676	48.345	ug/l	99

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

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