

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	302863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	451308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204085	51.007	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.391	113	169374	49.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.060%			
50) Toluene-d8	8.646	98	572304	47.437	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.880%			
62) 4-Bromofluorobenzene	11.079	95	225723	49.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	147603	50.960	ug/l	97
3) Chloromethane	1.306	50	144411	45.634	ug/l	100
4) Vinyl Chloride	1.386	62	170975	49.613	ug/l	99
5) Bromomethane	1.617	94	110416	49.866	ug/l	98
6) Chloroethane	1.703	64	108263	47.576	ug/l	98
7) Trichlorofluoromethane	1.904	101	278444	52.255	ug/l	99
8) Diethyl Ether	2.142	74	103256	54.452	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	177113	52.163	ug/l	98
10) Methyl Iodide	2.465	142	150217	40.609	ug/l	98
11) Tert butyl alcohol	2.958	59	102389	390.182	ug/l	100
12) 1,1-Dichloroethene	2.331	96	167555	51.020	ug/l	99
13) Acrolein	2.245	56	66890	230.897	ug/l	96
14) Allyl chloride	2.678	41	314746	53.830	ug/l	99
15) Acrylonitrile	3.068	53	446983	294.614	ug/l	100
16) Acetone	2.385	43	355078	285.701	ug/l	97
17) Carbon Disulfide	2.526	76	393167	45.650	ug/l	100
18) Methyl Acetate	2.709	43	233009	71.131	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	565691	60.996	ug/l	98
20) Methylene Chloride	2.800	84	190463	51.825	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	168719	50.206	ug/l	99
22) Diisopropyl ether	3.763	45	636672	56.362	ug/l	93
23) Vinyl Acetate	3.727	43	2457841	290.428	ug/l	99
24) 1,1-Dichloroethane	3.617	63	341398	52.993	ug/l	100
25) 2-Butanone	4.556	43	515414	310.834	ug/l	98
26) 2,2-Dichloropropane	4.483	77	275917	57.548	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	215696	52.571	ug/l	98
28) Bromochloromethane	4.903	49	166884	52.488	ug/l	98
29) Tetrahydrofuran	5.007	42	332902	314.945	ug/l	99
30) Chloroform	5.098	83	345455	52.487	ug/l	97
31) Cyclohexane	5.476	56	278385	48.675	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	298910	54.360	ug/l	98
36) 1,1-Dichloropropene	5.696	75	229070	49.651	ug/l	99
37) Ethyl Acetate	4.714	43	218254	55.543	ug/l	98
38) Carbon Tetrachloride	5.678	117	255121	52.305	ug/l	98
39) Methylcyclohexane	7.378	83	280065	48.528	ug/l	100
40) Benzene	6.037	78	700628	50.208	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	128489	61.297	ug/l	98
42) 1,2-Dichloroethane	6.086	62	250462	52.857	ug/l	99
43) Isopropyl Acetate	6.336	43	372260	61.850	ug/l	100
44) Trichloroethene	7.128	130	178886	49.245	ug/l	100
45) 1,2-Dichloropropane	7.427	63	183547	52.061	ug/l	100
46) Dibromomethane	7.580	93	128605	52.647	ug/l	100
47) Bromodichloromethane	7.817	83	278122	53.321	ug/l	98
48) Methyl methacrylate	7.689	41	193946	62.407	ug/l	98
49) 1,4-Dioxane	7.659	88	48473	1346.109	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	1097272	308.906	ug/l	99
52) Toluene	8.720	92	440638	50.957	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	268934	57.773	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	292640	55.076	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	175548	54.503	ug/l	99
56) Ethyl methacrylate	9.116	69	266571	59.797	ug/l	99
57) 1,3-Dichloropropane	9.305	76	290044	52.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	726836	289.366	ug/l	99
59) 2-Hexanone	9.427	43	756391	321.033	ug/l	99
60) Dibromochloromethane	9.518	129	208127	53.995	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174833	54.048	ug/l	100
64) Tetrachloroethene	9.274	164	144564	48.111	ug/l	98
65) Chlorobenzene	10.079	112	492117	50.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	174818	53.296	ug/l	99
67) Ethyl Benzene	10.189	91	851825	50.977	ug/l	98
68) m/p-Xylenes	10.299	106	639926	101.630	ug/l	99
69) o-Xylene	10.640	106	311366	51.192	ug/l	99
70) Styrene	10.652	104	545199	52.392	ug/l	99
71) Bromoform	10.799	173	135889	55.717	ug/l	98
73) Isopropylbenzene	10.957	105	828004	53.529	ug/l	100
74) N-amyl acetate	10.841	43	332486	63.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	243489	57.246	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	200865m	59.079	ug/l	
77) Bromobenzene	11.195	156	203317	52.769	ug/l	99
78) n-propylbenzene	11.298	91	984641	52.791	ug/l	100
79) 2-Chlorotoluene	11.359	91	580504	52.710	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	678149	53.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	77554	61.211	ug/l	99
82) 4-Chlorotoluene	11.451	91	675805	53.174	ug/l	100
83) tert-Butylbenzene	11.713	119	704065	54.236	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	686276	54.020	ug/l	97
85) sec-Butylbenzene	11.890	105	868859	53.085	ug/l	99
86) p-Isopropyltoluene	12.006	119	730626	53.306	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	378343	52.505	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	382476	51.000	ug/l	99
89) n-Butylbenzene	12.329	91	679556	52.767	ug/l	99
90) Hexachloroethane	12.536	117	133002	54.739	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	364556	52.207	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	47729	64.157	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	251875	53.095	ug/l	99
94) Hexachlorobutadiene	13.719	225	94846	53.015	ug/l	98
95) Naphthalene	13.774	128	754921	60.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	245343	54.736	ug/l	99

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

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