

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047542.D
 Acq On : 28 Aug 2025 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 02:34:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222745	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	382166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	168882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156440	45.735	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.460%		
35) Dibromofluoromethane	5.391	113	125372	47.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.647	98	436099	47.434	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.860%		
62) 4-Bromofluorobenzene	11.079	95	167290	48.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	115398	47.308	ug/l	98
3) Chloromethane	1.307	50	105065	39.436	ug/l	97
4) Vinyl Chloride	1.392	62	134234	42.862	ug/l	100
5) Bromomethane	1.624	94	76038	56.134	ug/l	95
6) Chloroethane	1.703	64	82116	41.269	ug/l	96
7) Trichlorofluoromethane	1.904	101	207084	46.490	ug/l	100
8) Diethyl Ether	2.148	74	79246	44.838	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	124940	47.098	ug/l	98
10) Methyl Iodide	2.471	142	210158	47.858	ug/l	98
11) Tert butyl alcohol	2.959	59	64579	205.403	ug/l	97
12) 1,1-Dichloroethene	2.337	96	122591	43.580	ug/l	97
13) Acrolein	2.245	56	133058	211.118	ug/l	98
14) Allyl chloride	2.678	41	229779	44.589	ug/l	99
15) Acrylonitrile	3.081	53	307017	218.225	ug/l	100
16) Acetone	2.392	43	291849	215.435	ug/l	99
17) Carbon Disulfide	2.526	76	312697	37.384	ug/l	100
18) Methyl Acetate	2.715	43	165658	49.600	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	420015	45.745	ug/l	98
20) Methylene Chloride	2.800	84	144370	41.880	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	131310	43.865	ug/l	96
22) Diisopropyl ether	3.769	45	488776	47.094	ug/l	100
23) Vinyl Acetate	3.727	43	1886974	223.279	ug/l	99
24) 1,1-Dichloroethane	3.617	63	260517	45.174	ug/l	97
25) 2-Butanone	4.562	43	384535	215.689	ug/l	98
26) 2,2-Dichloropropane	4.483	77	204180	48.983	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	164986	45.236	ug/l	99
28) Bromochloromethane	4.903	49	126937	51.005	ug/l	100
29) Tetrahydrofuran	5.013	42	231398	209.152	ug/l	100
30) Chloroform	5.099	83	268940	45.797	ug/l	97
31) Cyclohexane	5.483	56	206828	43.003	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	224245	46.869	ug/l	99
36) 1,1-Dichloropropene	5.702	75	173920	46.592	ug/l	99
37) Ethyl Acetate	4.721	43	159195	43.269	ug/l	100
38) Carbon Tetrachloride	5.684	117	194166	46.879	ug/l	99
39) Methylcyclohexane	7.385	83	197520	45.882	ug/l	97
40) Benzene	6.043	78	547300	45.925	ug/l	100

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41) Methacrylonitrile	4.928	41	80926	46.443	ug/l #	93
42) 1,2-Dichloroethane	6.092	62	198308	46.225	ug/l	98
43) Isopropyl Acetate	6.342	43	272537	46.100	ug/l	99
44) Trichloroethene	7.129	130	136515	46.233	ug/l	95
45) 1,2-Dichloropropane	7.427	63	142458	47.458	ug/l	97
46) Dibromomethane	7.580	93	101483	45.925	ug/l	98
47) Bromodichloromethane	7.818	83	215723	47.735	ug/l	99
48) Methyl methacrylate	7.696	41	142767	46.945	ug/l	99
49) 1,4-Dioxane	7.677	88	30969	1029.427	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	789242	225.948	ug/l	100
52) Toluene	8.720	92	339766	46.783	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	201468	49.484	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	223251	49.488	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	133571	47.144	ug/l	96
56) Ethyl methacrylate	9.116	69	196487	46.848	ug/l	98
57) 1,3-Dichloropropane	9.305	76	230037	46.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	495528	251.463	ug/l	100
59) 2-Hexanone	9.427	43	544270	228.088	ug/l	100
60) Dibromochloromethane	9.518	129	160045	47.286	ug/l	98
61) 1,2-Dibromoethane	9.604	107	133307	46.235	ug/l	98
64) Tetrachloroethene	9.268	164	108161	46.830	ug/l	95
65) Chlorobenzene	10.079	112	384762	47.676	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	136799	49.987	ug/l	99
67) Ethyl Benzene	10.189	91	658500	48.556	ug/l	100
68) m/p-Xylenes	10.299	106	489405	97.161	ug/l	99
69) o-Xylene	10.640	106	242056	49.885	ug/l	100
70) Styrene	10.652	104	426983	50.714	ug/l	100
71) Bromoform	10.799	173	101550	48.732	ug/l	99
73) Isopropylbenzene	10.957	105	622696	50.108	ug/l	100
74) N-amyl acetate	10.841	43	242331	47.221	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	181857	46.294	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	147099m	48.803	ug/l	
77) Bromobenzene	11.195	156	156182	49.128	ug/l	98
78) n-propylbenzene	11.299	91	739128	49.956	ug/l	99
79) 2-Chlorotoluene	11.360	91	447979	48.823	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	509331	50.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31339	41.783	ug/l	100
82) 4-Chlorotoluene	11.451	91	528475	49.086	ug/l	100
83) tert-Butylbenzene	11.713	119	517265	50.501	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	517164	49.933	ug/l	99
85) sec-Butylbenzene	11.890	105	624483	50.669	ug/l	100
86) p-Isopropyltoluene	12.006	119	521374	50.466	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	287310	48.475	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	290205	47.422	ug/l	99
89) n-Butylbenzene	12.329	91	485476	50.914	ug/l	99
90) Hexachloroethane	12.536	117	93761	49.372	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	279690	48.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32190	44.424	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	178201	50.335	ug/l	99
94) Hexachlorobutadiene	13.719	225	62241	50.581	ug/l	99
95) Naphthalene	13.774	128	498120	48.133	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	162072	48.736	ug/l	98

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

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