

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047056.D
 Acq On : 21 Jul 2025 10:08
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 22 03:36:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	319458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	542097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	24550	6.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.340%#		
35) Dibromofluoromethane	5.403	113	19243	5.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.500%#		
50) Toluene-d8	8.652	98	70081	6.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	12.940%#		
62) 4-Bromofluorobenzene	11.079	95	27880	5.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.940%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	20453	4.820	ug/l	95
3) Chloromethane	1.306	50	21331	5.082	ug/l	97
4) Vinyl Chloride	1.385	62	23623	5.236	ug/l	100
5) Bromomethane	1.617	94	13048	5.324	ug/l	88
6) Chloroethane	1.702	64	15411	5.200	ug/l	98
7) Trichlorofluoromethane	1.904	101	35886	5.334	ug/l	96
8) Diethyl Ether	2.148	74	12607	5.315	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	21422	5.285	ug/l	98
10) Methyl Iodide	2.471	142	15201	3.680	ug/l	93
11) Tert butyl alcohol	2.964	59	17392	28.263	ug/l #	92
12) 1,1-Dichloroethene	2.337	96	21053	5.244	ug/l	91
13) Acrolein	2.251	56	21604	25.213	ug/l	99
14) Allyl chloride	2.678	41	38039	5.242	ug/l	99
15) Acrylonitrile	3.074	53	51340	27.051	ug/l	100
16) Acetone	2.391	43	42718	26.796	ug/l	99
17) Carbon Disulfide	2.526	76	61522	5.297	ug/l	100
18) Methyl Acetate	2.721	43	21905	5.171	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	64256	5.259	ug/l	96
20) Methylene Chloride	2.806	84	23989	5.470	ug/l	93
21) trans-1,2-Dichloroethene	3.111	96	22396	5.451	ug/l	96
22) Diisopropyl ether	3.775	45	76458	5.480	ug/l	97
23) Vinyl Acetate	3.739	43	288230	25.756	ug/l	100
24) 1,1-Dichloroethane	3.623	63	42402	5.465	ug/l	96
25) 2-Butanone	4.574	43	60022	25.858	ug/l	97
26) 2,2-Dichloropropane	4.489	77	32298	5.378	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	26579	5.463	ug/l	98
28) Bromochloromethane	4.921	49	19435	5.445	ug/l	96
29) Tetrahydrofuran	5.031	42	39885	26.631	ug/l	96
30) Chloroform	5.110	83	43336	5.487	ug/l	93
31) Cyclohexane	5.482	56	38990	5.241	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	36920	5.382	ug/l	98
36) 1,1-Dichloropropene	5.702	75	28590	5.011	ug/l	98
37) Ethyl Acetate	4.739	43	29112m	5.790	ug/l	
38) Carbon Tetrachloride	5.690	117	33199	5.452	ug/l	97
39) Methylcyclohexane	7.384	83	37547	5.271	ug/l	95
40) Benzene	6.049	78	89797	5.438	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	14018	5.100	ug/l	98
42) 1,2-Dichloroethane	6.092	62	31844	5.475	ug/l	96
43) Isopropyl Acetate	6.354	43	42946	5.240	ug/l	95
44) Trichloroethene	7.134	130	23153	5.468	ug/l	81
45) 1,2-Dichloropropane	7.439	63	22722	5.494	ug/l	93
46) Dibromomethane	7.592	93	16479	5.682	ug/l	97
47) Bromodichloromethane	7.823	83	33939	5.498	ug/l	99
48) Methyl methacrylate	7.701	41	21660	4.851	ug/l	99
49) 1,4-Dioxane	7.671	88	5549	109.271	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	129413	26.565	ug/l	97
52) Toluene	8.720	92	56775	5.592	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29776	5.108	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	33127	5.193	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	21223	5.574	ug/l	97
56) Ethyl methacrylate	9.116	69	28587	5.072	ug/l	96
57) 1,3-Dichloropropane	9.311	76	37251	5.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	97443	31.066	ug/l	98
59) 2-Hexanone	9.433	43	84572	26.276	ug/l	99
60) Dibromochloromethane	9.518	129	24354	5.454	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21578	5.420	ug/l	98
64) Tetrachloroethene	9.274	164	19701	5.592	ug/l	96
65) Chlorobenzene	10.079	112	63268	5.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	20300	5.267	ug/l	99
67) Ethyl Benzene	10.195	91	106984	5.345	ug/l	96
68) m/p-Xylenes	10.299	106	80835	10.791	ug/l	99
69) o-Xylene	10.640	106	40071	5.623	ug/l	94
70) Styrene	10.658	104	66283	5.424	ug/l	100
71) Bromoform	10.798	173	15763	5.384	ug/l #	97
73) Isopropylbenzene	10.963	105	102157	5.257	ug/l	97
74) N-amyl acetate	10.841	43	36965	4.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29627	5.338	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	25285m	5.546	ug/l	
77) Bromobenzene	11.195	156	24549	5.267	ug/l	95
78) n-propylbenzene	11.304	91	124648	5.368	ug/l	100
79) 2-Chlorotoluene	11.365	91	74781	5.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86414	5.383	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7407	4.186	ug/l	86
82) 4-Chlorotoluene	11.457	91	88304	5.450	ug/l	99
83) tert-Butylbenzene	11.713	119	84560	5.248	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	87289	5.451	ug/l	99
85) sec-Butylbenzene	11.890	105	110255	5.477	ug/l	100
86) p-Isopropyltoluene	12.006	119	91112	5.457	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	48466	5.473	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48817	5.441	ug/l	95
89) n-Butylbenzene	12.329	91	81710	5.219	ug/l	99
90) Hexachloroethane	12.536	117	14794	4.953	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46129	5.450	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	5485	5.148	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29296	5.239	ug/l	99
94) Hexachlorobutadiene	13.719	225	9742	5.122	ug/l	91
95) Naphthalene	13.774	128	79568	4.854	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	27584	5.120	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

