

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046673.D
 Acq On : 12 Jun 2025 18:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	71865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	123470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	57444	44.929	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.860%		
35) Dibromofluoromethane	5.403	113	47014	51.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.560%		
50) Toluene-d8	8.653	98	150396	50.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.480%		
62) 4-Bromofluorobenzene	11.079	95	64613	52.168	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	44830	44.933	ug/l	98
3) Chloromethane	1.307	50	40815	44.944	ug/l	97
4) Vinyl Chloride	1.386	62	38941	43.015	ug/l	99
5) Bromomethane	1.617	94	19676	35.802	ug/l	93
6) Chloroethane	1.697	64	23682	40.319	ug/l	98
7) Trichlorofluoromethane	1.904	101	68751	45.901	ug/l	100
8) Diethyl Ether	2.154	74	25837	48.821	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.349	101	48118	50.990	ug/l	93
10) Methyl Iodide	2.471	142	43804	42.821	ug/l	96
11) Tert butyl alcohol	2.971	59	45960	323.955	ug/l	99
12) 1,1-Dichloroethene	2.337	96	43630	51.136	ug/l	95
13) Acrolein	2.251	56	67462	375.983	ug/l	100
14) Allyl chloride	2.684	41	84891	50.661	ug/l	92
15) Acrylonitrile	3.081	53	163914	305.576	ug/l	98
16) Acetone	2.398	43	135433	269.384	ug/l	93
17) Carbon Disulfide	2.526	76	80912	44.684	ug/l	97
18) Methyl Acetate	2.721	43	101016	66.330	ug/l	96
19) Methyl tert-butyl Ether	3.129	73	169239	56.687	ug/l	99
20) Methylene Chloride	2.806	84	53246	51.910	ug/l	92
21) trans-1,2-Dichloroethene	3.111	96	45013	49.852	ug/l	96
22) Diisopropyl ether	3.782	45	182145	55.135	ug/l #	83
23) Vinyl Acetate	3.739	43	725647	284.501	ug/l	98
24) 1,1-Dichloroethane	3.629	63	96820	52.585	ug/l	99
25) 2-Butanone	4.574	43	219126	307.872	ug/l	100
26) 2,2-Dichloropropane	4.495	77	65150	47.664	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	59551	53.575	ug/l	93
28) Bromochloromethane	4.916	49	48802	55.571	ug/l	96
29) Tetrahydrofuran	5.025	42	138419	307.947	ug/l	99
30) Chloroform	5.111	83	103482	53.640	ug/l	98
31) Cyclohexane	5.495	56	72219	48.587	ug/l	97
32) 1,1,1-Trichloroethane	5.403	97	87369	52.943	ug/l	97
36) 1,1-Dichloropropene	5.708	75	62188	47.948	ug/l	97
37) Ethyl Acetate	4.733	43	82503	65.175	ug/l	100
38) Carbon Tetrachloride	5.696	117	74106	51.012	ug/l	97
39) Methylcyclohexane	7.391	83	73253	47.850	ug/l	99
40) Benzene	6.056	78	196085	53.703	ug/l	99

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41) Methacrylonitrile	4.934	41	46836	59.581	ug/l	93
42) 1,2-Dichloroethane	6.104	62	76622	50.442	ug/l	97
43) Isopropyl Acetate	6.354	43	131067	59.392	ug/l	97
44) Trichloroethene	7.135	130	48175	51.927	ug/l	99
45) 1,2-Dichloropropane	7.440	63	52739	55.959	ug/l	99
46) Dibromomethane	7.586	93	38908	54.877	ug/l	96
47) Bromodichloromethane	7.830	83	81742	56.071	ug/l	96
48) Methyl methacrylate	7.702	41	67261	59.238	ug/l	94
49) 1,4-Dioxane	7.671	88	20983	1381.917	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	445918	317.977	ug/l	97
52) Toluene	8.720	92	125423	55.913	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	74026	56.634	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	80777	55.582	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	54074	60.047	ug/l	97
56) Ethyl methacrylate	9.122	69	86288	62.267	ug/l	92
57) 1,3-Dichloropropane	9.311	76	89692	56.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	237120	314.139	ug/l	98
59) 2-Hexanone	9.433	43	327907	326.032	ug/l	97
60) Dibromochloromethane	9.525	129	62672	59.166	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53097	56.583	ug/l	98
64) Tetrachloroethene	9.275	164	38390	52.147	ug/l	95
65) Chlorobenzene	10.079	112	141695	54.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51710	59.100	ug/l	100
67) Ethyl Benzene	10.195	91	244675	54.129	ug/l	99
68) m/p-Xylenes	10.305	106	184363	112.437	ug/l	97
69) o-Xylene	10.640	106	90696	57.186	ug/l	98
70) Styrene	10.658	104	160931	59.277	ug/l	97
71) Bromoform	10.799	173	41725	62.543	ug/l #	100
73) Isopropylbenzene	10.963	105	245690	53.961	ug/l	100
74) N-amyl acetate	10.841	43	117434	58.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	86602	59.424	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70248m	57.260	ug/l	
77) Bromobenzene	11.195	156	57851	54.741	ug/l	96
78) n-propylbenzene	11.305	91	291743	52.939	ug/l	99
79) 2-Chlorotoluene	11.366	91	175162	52.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	202905	53.479	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24902	58.552	ug/l	93
82) 4-Chlorotoluene	11.457	91	207877	52.774	ug/l	98
83) tert-Butylbenzene	11.713	119	211133	54.665	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	208321	54.275	ug/l	99
85) sec-Butylbenzene	11.890	105	267256	53.852	ug/l	100
86) p-Isopropyltoluene	12.006	119	221213	53.469	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110032	53.617	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111514	52.441	ug/l	99
89) n-Butylbenzene	12.329	91	210168	51.728	ug/l	99
90) Hexachloroethane	12.536	117	38641	52.548	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108595	54.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20078	61.523	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	72422	53.594	ug/l	98
94) Hexachlorobutadiene	13.725	225	30899	49.203	ug/l	97
95) Naphthalene	13.774	128	257845	60.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73397	54.168	ug/l	99

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

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