

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046986.D
 Acq On : 14 Jul 2025 19:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 01:26:56 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	5.562	168	303151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	517334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	206633	51.595	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.180%			
35) Dibromofluoromethane	5.397	113	173520	49.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.820%			
50) Toluene-d8	8.653	98	579268	46.753	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.500%			
62) 4-Bromofluorobenzene	11.079	95	230720	48.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	183504	63.295	ug/l	99
3) Chloromethane	1.307	50	193541	61.101	ug/l	99
4) Vinyl Chloride	1.386	62	216029	62.627	ug/l	97
5) Bromomethane	1.618	94	134055	60.484	ug/l	97
6) Chloroethane	1.703	64	133006	58.394	ug/l	96
7) Trichlorofluoromethane	1.904	101	320164	60.028	ug/l	98
8) Diethyl Ether	2.148	74	118066	62.203	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	193411	56.909	ug/l	99
10) Methyl Iodide	2.465	142	198000	53.475	ug/l	97
11) Tert butyl alcohol	2.965	59	108468	412.955	ug/l	100
12) 1,1-Dichloroethene	2.337	96	197869	60.193	ug/l	99
13) Acrolein	2.252	56	80632	277.490	ug/l	98
14) Allyl chloride	2.678	41	352597	60.247	ug/l	99
15) Acrylonitrile	3.075	53	508549	334.875	ug/l	100
16) Acetone	2.386	43	386615	310.781	ug/l	97
17) Carbon Disulfide	2.526	76	514300	59.658	ug/l	99
18) Methyl Acetate	2.715	43	245010	74.723	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	623418	67.157	ug/l	96
20) Methylene Chloride	2.800	84	219434	59.652	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	204539	60.807	ug/l	99
22) Diisopropyl ether	3.770	45	716489	63.368	ug/l	90
23) Vinyl Acetate	3.733	43	2834093	334.569	ug/l	100
24) 1,1-Dichloroethane	3.623	63	383529	59.476	ug/l	99
25) 2-Butanone	4.562	43	612345	368.940	ug/l	99
26) 2,2-Dichloropropane	4.489	77	245125	51.077	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	241689	58.850	ug/l	99
28) Bromochloromethane	4.910	49	168383	52.909	ug/l	96
29) Tetrahydrofuran	5.013	42	401047	379.053	ug/l	99
30) Chloroform	5.105	83	383965	58.283	ug/l	100
31) Cyclohexane	5.483	56	357746	62.491	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	322918	58.670	ug/l	99
36) 1,1-Dichloropropene	5.702	75	272786	57.574	ug/l	99
37) Ethyl Acetate	4.721	43	260054	64.442	ug/l	99
38) Carbon Tetrachloride	5.690	117	273151	54.531	ug/l	97
39) Methylcyclohexane	7.385	83	341271	57.581	ug/l	98
40) Benzene	6.050	78	823704	57.477	ug/l	98

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41) Methacrylonitrile	4.928	41	150682	69.997	ug/l	96
42) 1,2-Dichloroethane	6.092	62	282545	58.062	ug/l	99
43) Isopropyl Acetate	6.342	43	430265	69.610	ug/l	100
44) Trichloroethene	7.129	130	205911	55.197	ug/l	96
45) 1,2-Dichloropropane	7.434	63	205130	56.655	ug/l	99
46) Dibromomethane	7.586	93	145662	58.064	ug/l	99
47) Bromodichloromethane	7.824	83	290607	54.252	ug/l	99
48) Methyl methacrylate	7.696	41	222708	69.780	ug/l	98
49) 1,4-Dioxane	7.659	88	55938	1512.626	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1276786	350.005	ug/l	99
52) Toluene	8.720	92	510432	57.478	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	279876	58.545	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	313870	57.521	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	187560	56.704	ug/l	98
56) Ethyl methacrylate	9.116	69	304821	66.582	ug/l	98
57) 1,3-Dichloropropane	9.311	76	328862	57.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	805303	312.186	ug/l	99
59) 2-Hexanone	9.427	43	889502	367.616	ug/l	99
60) Dibromochloromethane	9.519	129	212960	53.798	ug/l	99
61) 1,2-Dibromoethane	9.610	107	197682	59.507	ug/l	98
64) Tetrachloroethene	9.275	164	167215	55.802	ug/l	97
65) Chlorobenzene	10.080	112	556597	57.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	181586	55.512	ug/l	100
67) Ethyl Benzene	10.195	91	980471	58.838	ug/l	99
68) m/p-Xylenes	10.299	106	735467	117.126	ug/l	99
69) o-Xylene	10.640	106	352545	58.122	ug/l	99
70) Styrene	10.653	104	608778	58.663	ug/l	98
71) Bromoform	10.799	173	135820	55.842	ug/l #	100
73) Isopropylbenzene	10.964	105	929478	59.987	ug/l	100
74) N-amyl acetate	10.842	43	383475	72.831	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	267064	62.682	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	218505m	64.158	ug/l	
77) Bromobenzene	11.195	156	224936	58.282	ug/l	98
78) n-propylbenzene	11.305	91	1103718	59.075	ug/l	100
79) 2-Chlorotoluene	11.360	91	648700	58.802	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	764619	60.732	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76959	60.639	ug/l	98
82) 4-Chlorotoluene	11.451	91	762019	59.857	ug/l	99
83) tert-Butylbenzene	11.713	119	761208	58.539	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	765987	60.193	ug/l	97
85) sec-Butylbenzene	11.890	105	946188	57.712	ug/l	100
86) p-Isopropyltoluene	12.006	119	796529	58.016	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	413290	57.258	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	414878	55.228	ug/l	99
89) n-Butylbenzene	12.329	91	729425	56.543	ug/l	100
90) Hexachloroethane	12.536	117	128824	52.930	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	395497	56.542	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50648	67.966	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	269161	56.643	ug/l	99
94) Hexachlorobutadiene	13.719	225	89016	49.672	ug/l	98
95) Naphthalene	13.774	128	848429	67.757	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	261274	58.191	ug/l	99

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

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