

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046050.D
 Acq On : 06 May 2025 09:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 01:44:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	102261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	171901	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89498	46.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.880%		
35) Dibromofluoromethane	5.373	113	61583	49.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	8.641	98	212256	49.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	81519	49.602	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87827	56.113	ug/l	100
3) Chloromethane	1.300	50	79167	52.158	ug/l	99
4) Vinyl Chloride	1.374	62	70982	50.248	ug/l	99
5) Bromomethane	1.593	94	33224	50.708	ug/l	95
6) Chloroethane	1.666	64	37576	49.828	ug/l	98
7) Trichlorofluoromethane	1.873	101	108662	52.048	ug/l	100
8) Diethyl Ether	2.130	74	33749	47.487	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	64631	50.024	ug/l	98
10) Methyl Iodide	2.447	142	77267	50.542	ug/l	100
11) Tert butyl alcohol	2.971	59	63317	236.601	ug/l	99
12) 1,1-Dichloroethene	2.306	96	59641	49.186	ug/l	95
13) Acrolein	2.233	56	70677	231.905	ug/l	100
14) Allyl chloride	2.654	41	117139	50.547	ug/l	100
15) Acrylonitrile	3.056	53	188229	245.981	ug/l	99
16) Acetone	2.379	43	204132	267.046	ug/l	98
17) Carbon Disulfide	2.501	76	148472	51.647	ug/l	97
18) Methyl Acetate	2.703	43	83681	47.176	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	210207	49.447	ug/l	100
20) Methylene Chloride	2.782	84	68151	46.524	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	60253	49.411	ug/l	94
22) Diisopropyl ether	3.757	45	221885	49.567	ug/l	92
23) Vinyl Acetate	3.715	43	1005129	255.292	ug/l	100
24) 1,1-Dichloroethane	3.599	63	121306	48.653	ug/l	100
25) 2-Butanone	4.550	43	275766	248.493	ug/l	99
26) 2,2-Dichloropropane	4.458	77	99408	50.939	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	71821	48.925	ug/l	99
28) Bromochloromethane	4.885	49	60173	50.139	ug/l	98
29) Tetrahydrofuran	4.995	42	167113	240.312	ug/l	100
30) Chloroform	5.080	83	126488	48.672	ug/l	98
31) Cyclohexane	5.458	56	111544	49.095	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	113449	50.360	ug/l	99
36) 1,1-Dichloropropene	5.678	75	83350	50.114	ug/l	99
37) Ethyl Acetate	4.702	43	101763	49.523	ug/l	99
38) Carbon Tetrachloride	5.665	117	96027	51.386	ug/l	98
39) Methylcyclohexane	7.372	83	110317	51.520	ug/l	100
40) Benzene	6.025	78	246984	50.698	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	58593	54.508	ug/l	99
42) 1,2-Dichloroethane	6.074	62	104249	49.582	ug/l	99
43) Isopropyl Acetate	6.330	43	160541	51.212	ug/l	99
44) Trichloroethene	7.116	130	59231	50.516	ug/l	99
45) 1,2-Dichloropropane	7.421	63	62499	51.594	ug/l	99
46) Dibromomethane	7.574	93	48064	50.307	ug/l	100
47) Bromodichloromethane	7.811	83	97870	52.010	ug/l	100
48) Methyl methacrylate	7.683	41	83875	52.389	ug/l	99
49) 1,4-Dioxane	7.653	88	30505	1003.503	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	525085	252.339	ug/l	99
52) Toluene	8.714	92	149737	50.126	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	89772	53.672	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	99155	53.636	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	58611	49.760	ug/l	97
56) Ethyl methacrylate	9.110	69	98957	52.713	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104188	49.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	254688	266.113	ug/l	99
59) 2-Hexanone	9.427	43	391917	254.575	ug/l	100
60) Dibromochloromethane	9.518	129	68924	53.282	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61553	50.279	ug/l	97
64) Tetrachloroethene	9.268	164	51880	49.092	ug/l	97
65) Chlorobenzene	10.073	112	161440	49.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56588	50.692	ug/l	99
67) Ethyl Benzene	10.189	91	296299	51.417	ug/l	100
68) m/p-Xylenes	10.299	106	216064	102.514	ug/l	98
69) o-Xylene	10.640	106	104412	50.815	ug/l	96
70) Styrene	10.652	104	179589	53.355	ug/l	99
71) Bromoform	10.799	173	44459	53.047	ug/l #	97
73) Isopropylbenzene	10.957	105	284730	51.436	ug/l	99
74) N-amyl acetate	10.841	43	139159	50.873	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91319	47.074	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82158m	48.003	ug/l	
77) Bromobenzene	11.195	156	64881	50.484	ug/l	98
78) n-propylbenzene	11.299	91	336556	52.288	ug/l	100
79) 2-Chlorotoluene	11.360	91	204890	49.352	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	240193	51.938	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	27369	52.062	ug/l	97
82) 4-Chlorotoluene	11.451	91	236944	51.465	ug/l	99
83) tert-Butylbenzene	11.713	119	238211	51.136	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	243912	52.081	ug/l	99
85) sec-Butylbenzene	11.890	105	298625	52.210	ug/l	100
86) p-Isopropyltoluene	12.006	119	249028	52.747	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119736	51.049	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	118011	49.267	ug/l	99
89) n-Butylbenzene	12.329	91	226452	54.682	ug/l	99
90) Hexachloroethane	12.536	117	44162	53.095	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	118293	50.259	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21626	50.322	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	70260	51.973	ug/l	99
94) Hexachlorobutadiene	13.719	225	29762	50.409	ug/l	96
95) Naphthalene	13.774	128	244243	49.261	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69811	50.048	ug/l	100

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

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