

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046525.D
 Acq On : 06 Jun 2025 14:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060625

Quant Time: Jun 06 16:57:15 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 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	87638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151058	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	132539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78349	50.250	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.500%			
35) Dibromofluoromethane	5.391	113	56698	51.039	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	8.647	98	183212	50.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.079	95	75584	49.880	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	59758	49.116	ug/l	98
3) Chloromethane	1.307	50	53337	48.162	ug/l	98
4) Vinyl Chloride	1.386	62	54649	49.502	ug/l	99
5) Bromomethane	1.618	94	34113	50.900	ug/l	93
6) Chloroethane	1.697	64	33633	46.955	ug/l	93
7) Trichlorofluoromethane	1.898	101	90940	49.788	ug/l	100
8) Diethyl Ether	2.142	74	32152	49.819	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	57034	49.561	ug/l	97
10) Methyl Iodide	2.465	142	67786	54.338	ug/l	100
11) Tert butyl alcohol	2.965	59	47374	273.823	ug/l	99
12) 1,1-Dichloroethene	2.331	96	51107	49.119	ug/l	99
13) Acrolein	2.246	56	51802	247.857	ug/l	98
14) Allyl chloride	2.678	41	105373	51.566	ug/l	94
15) Acrylonitrile	3.069	53	174229	266.347	ug/l	98
16) Acetone	2.386	43	157823	257.624	ug/l	99
17) Carbon Disulfide	2.526	76	110616	50.069	ug/l	98
18) Methyl Acetate	2.715	43	106595	57.396	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	195706	53.754	ug/l	98
20) Methylene Chloride	2.800	84	60058	48.013	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	52668	47.832	ug/l	96
22) Diisopropyl ether	3.770	45	212853	52.834	ug/l #	80
23) Vinyl Acetate	3.727	43	827531	266.053	ug/l	99
24) 1,1-Dichloroethane	3.617	63	115021	51.227	ug/l	98
25) 2-Butanone	4.562	43	232201	267.525	ug/l	99
26) 2,2-Dichloropropane	4.483	77	89180	53.502	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	66779	49.265	ug/l	99
28) Bromochloromethane	4.904	49	52893	49.390	ug/l	99
29) Tetrahydrofuran	5.013	42	146302	266.904	ug/l	98
30) Chloroform	5.099	83	119994	51.004	ug/l	95
31) Cyclohexane	5.477	56	88988	49.093	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	103945	51.651	ug/l	97
36) 1,1-Dichloropropene	5.696	75	75696	47.703	ug/l	99
37) Ethyl Acetate	4.721	43	90139	58.203	ug/l	99
38) Carbon Tetrachloride	5.684	117	87750	49.372	ug/l	96
39) Methylcyclohexane	7.385	83	89168	47.608	ug/l	99
40) Benzene	6.044	78	221890	49.672	ug/l	99

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41) Methacrylonitrile	4.922	41	54128	56.282	ug/l	97
42) 1,2-Dichloroethane	6.092	62	94588	50.897	ug/l	99
43) Isopropyl Acetate	6.342	43	146579	54.290	ug/l	100
44) Trichloroethene	7.129	130	54213	47.764	ug/l	96
45) 1,2-Dichloropropane	7.434	63	59286	51.417	ug/l	99
46) Dibromomethane	7.586	93	44071	50.807	ug/l	99
47) Bromodichloromethane	7.824	83	94362	52.906	ug/l	97
48) Methyl methacrylate	7.696	41	76134	54.806	ug/l	97
49) 1,4-Dioxane	7.659	88	20118	1082.971	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	466259	271.760	ug/l	100
52) Toluene	8.714	92	136448	49.719	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85596	53.526	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	92273	51.896	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	57283	51.993	ug/l	98
56) Ethyl methacrylate	9.116	69	92299	54.440	ug/l	97
57) 1,3-Dichloropropane	9.305	76	98748	50.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	240616	260.553	ug/l	100
59) 2-Hexanone	9.427	43	337353	274.165	ug/l	99
60) Dibromochloromethane	9.519	129	68814	53.100	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57046	49.689	ug/l	96
64) Tetrachloroethene	9.275	164	42310	47.739	ug/l	97
65) Chlorobenzene	10.080	112	154357	49.518	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55536	52.723	ug/l	100
67) Ethyl Benzene	10.195	91	273659	50.288	ug/l	98
68) m/p-Xylenes	10.299	106	199258	100.941	ug/l	99
69) o-Xylene	10.640	106	97151	50.882	ug/l	99
70) Styrene	10.653	104	169628	51.899	ug/l	100
71) Bromoform	10.799	173	42728	53.200	ug/l #	99
73) Isopropylbenzene	10.957	105	266347	51.765	ug/l	100
74) N-amyl acetate	10.842	43	125656	55.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86308	52.405	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73842m	53.262	ug/l	
77) Bromobenzene	11.195	156	60607	50.748	ug/l	98
78) n-propylbenzene	11.305	91	316743	50.860	ug/l	100
79) 2-Chlorotoluene	11.360	91	191582	51.014	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221291	51.612	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26534	55.208	ug/l	97
82) 4-Chlorotoluene	11.451	91	224207	50.368	ug/l	99
83) tert-Butylbenzene	11.713	119	226613	51.919	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	223226	51.464	ug/l	99
85) sec-Butylbenzene	11.890	105	284027	50.644	ug/l	100
86) p-Isopropyltoluene	12.006	119	237583	50.815	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114034	49.171	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	114838	47.788	ug/l	99
89) n-Butylbenzene	12.329	91	232333	50.601	ug/l	100
90) Hexachloroethane	12.536	117	42498	51.141	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	111587	49.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20611	55.886	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75169	49.224	ug/l	99
94) Hexachlorobutadiene	13.725	225	33512	47.222	ug/l	98
95) Naphthalene	13.774	128	257845	53.245	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75157	49.082	ug/l	99

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

