

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046726.D
 Acq On : 17 Jun 2025 18:00
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX061725

Quant Time: Jun 18 07:50:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	129144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81629	45.697	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.400%
35) Dibromofluoromethane	5.397	113	66647	48.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	236781	47.537	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	88588	47.712	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	75554	54.798	ug/l	100
3) Chloromethane	1.307	50	76483	51.393	ug/l	99
4) Vinyl Chloride	1.386	62	82156	51.768	ug/l	95
5) Bromomethane	1.618	94	48957	54.831	ug/l	96
6) Chloroethane	1.703	64	49931	51.911	ug/l	99
7) Trichlorofluoromethane	1.904	101	123768	51.363	ug/l	98
8) Diethyl Ether	2.148	74	42437	51.316	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	75525	51.089	ug/l	99
10) Methyl Iodide	2.465	142	84139	45.861	ug/l	99
11) Tert butyl alcohol	2.959	59	40385	251.888	ug/l	100
12) 1,1-Dichloroethene	2.337	96	74097	51.945	ug/l	99
13) Acrolein	2.246	56	59544	254.972	ug/l	99
14) Allyl chloride	2.678	41	131610	50.922	ug/l	99
15) Acrylonitrile	3.075	53	187601	260.219	ug/l	98
16) Acetone	2.386	43	146745	246.347	ug/l	98
17) Carbon Disulfide	2.526	76	205516	47.710	ug/l	98
18) Methyl Acetate	2.715	43	80049	52.909	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	226557	51.008	ug/l	99
20) Methylene Chloride	2.800	84	80668	48.696	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76889	50.375	ug/l	98
22) Diisopropyl ether	3.770	45	257775	51.890	ug/l	99
23) Vinyl Acetate	3.733	43	1044679	264.451	ug/l	100
24) 1,1-Dichloroethane	3.623	63	142442	50.502	ug/l	99
25) 2-Butanone	4.562	43	222870	264.542	ug/l	98
26) 2,2-Dichloropropane	4.483	77	104151	50.629	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89665	50.003	ug/l	99
28) Bromochloromethane	4.904	49	64330	50.308	ug/l	99
29) Tetrahydrofuran	5.013	42	143570	263.836	ug/l	99
30) Chloroform	5.105	83	144108	51.089	ug/l	98
31) Cyclohexane	5.483	56	132301	49.462	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	123796	50.042	ug/l	99
36) 1,1-Dichloropropene	5.702	75	100241	50.088	ug/l	99
37) Ethyl Acetate	4.721	43	94953	51.401	ug/l	99
38) Carbon Tetrachloride	5.690	117	109471	50.403	ug/l	98
39) Methylcyclohexane	7.385	83	132086	50.155	ug/l	97
40) Benzene	6.044	78	304346	51.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	54501	55.341	ug/l	97
42) 1,2-Dichloroethane	6.099	62	106085	50.970	ug/l	99
43) Isopropyl Acetate	6.342	43	155773	53.888	ug/l	99
44) Trichloroethene	7.129	130	76981	51.000	ug/l	97
45) 1,2-Dichloropropane	7.434	63	74773	50.940	ug/l	94
46) Dibromomethane	7.586	93	54149	51.329	ug/l	100
47) Bromodichloromethane	7.824	83	110823	51.479	ug/l	100
48) Methyl methacrylate	7.696	41	79868	55.091	ug/l	99
49) 1,4-Dioxane	7.659	88	20314	964.253	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	470527	272.916	ug/l	99
52) Toluene	8.720	92	188131	51.237	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105435	52.785	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117487	51.813	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	70739	51.698	ug/l	99
56) Ethyl methacrylate	9.116	69	109612	54.266	ug/l	100
57) 1,3-Dichloropropane	9.305	76	121649	51.625	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	293709	279.922	ug/l	100
59) 2-Hexanone	9.427	43	326564	273.982	ug/l	99
60) Dibromochloromethane	9.519	129	82234	50.997	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72749	52.268	ug/l	98
64) Tetrachloroethene	9.275	164	62943	49.172	ug/l	98
65) Chlorobenzene	10.079	112	203947	50.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69709	50.856	ug/l	99
67) Ethyl Benzene	10.195	91	359779	50.487	ug/l	98
68) m/p-Xylenes	10.299	106	272935	102.789	ug/l	99
69) o-Xylene	10.640	106	130980	52.635	ug/l	97
70) Styrene	10.653	104	227060	52.139	ug/l	100
71) Bromoform	10.799	173	53660	51.404	ug/l #	100
73) Isopropylbenzene	10.957	105	346098	51.083	ug/l	100
74) N-amyl acetate	10.842	43	138890	54.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	98960	52.310	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81355m	48.286	ug/l	
77) Bromobenzene	11.195	156	82515	50.611	ug/l	99
78) n-propylbenzene	11.305	91	412345	51.240	ug/l	100
79) 2-Chlorotoluene	11.360	91	239904	49.931	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	288104	51.746	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29929	50.210	ug/l	99
82) 4-Chlorotoluene	11.451	91	280848	50.085	ug/l	98
83) tert-Butylbenzene	11.713	119	287513	49.958	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	286365	51.193	ug/l	99
85) sec-Butylbenzene	11.890	105	371523	51.079	ug/l	100
86) p-Isopropyltoluene	12.006	119	311698	50.791	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	154181	48.501	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	153158	46.906	ug/l	100
89) n-Butylbenzene	12.329	91	296174	50.829	ug/l	100
90) Hexachloroethane	12.536	117	52831	49.161	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	147561	49.672	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19851	53.151	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	104267	49.369	ug/l	99
94) Hexachlorobutadiene	13.719	225	45958	51.729	ug/l	98
95) Naphthalene	13.774	128	315669	52.462	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	103451	51.200	ug/l	99

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

