

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046720.D
 Acq On : 17 Jun 2025 14:20
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 18 02:39:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 02:34:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	123412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80133	46.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.880%
35) Dibromofluoromethane	5.397	113	65447	48.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.647	98	233825	48.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	87131	48.107	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	71910	54.577	ug/l	100
3) Chloromethane	1.307	50	73175	51.454	ug/l	100
4) Vinyl Chloride	1.386	62	78242	51.592	ug/l	100
5) Bromomethane	1.624	94	45535	53.367	ug/l	100
6) Chloroethane	1.703	64	46570	50.665	ug/l	100
7) Trichlorofluoromethane	1.904	101	119335	51.823	ug/l	100
8) Diethyl Ether	2.148	74	39712	50.251	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	71037	50.285	ug/l	100
10) Methyl Iodide	2.471	142	80710	46.019	ug/l	100
11) Tert butyl alcohol	2.959	59	38256	249.692	ug/l	100
12) 1,1-Dichloroethene	2.337	96	70202	51.500	ug/l	100
13) Acrolein	2.246	56	53791	241.036	ug/l	100
14) Allyl chloride	2.678	41	123265	49.909	ug/l	100
15) Acrylonitrile	3.075	53	175846	255.243	ug/l	100
16) Acetone	2.386	43	135683	238.356	ug/l	100
17) Carbon Disulfide	2.526	76	197344	47.941	ug/l	100
18) Methyl Acetate	2.715	43	71685	49.582	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	216266	50.953	ug/l	100
20) Methylene Chloride	2.800	84	75315	47.576	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	72648	49.807	ug/l	100
22) Diisopropyl ether	3.770	45	242789	51.143	ug/l	100
23) Vinyl Acetate	3.733	43	985040	260.935	ug/l	100
24) 1,1-Dichloroethane	3.623	63	134324	49.835	ug/l	100
25) 2-Butanone	4.562	43	208346	258.788	ug/l	100
26) 2,2-Dichloropropane	4.489	77	93956	47.794	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	84638	49.392	ug/l	100
28) Bromochloromethane	4.910	49	59857	48.984	ug/l	100
29) Tetrahydrofuran	5.013	42	133555	256.831	ug/l	100
30) Chloroform	5.105	83	137459	50.996	ug/l	100
31) Cyclohexane	5.483	56	125014	48.909	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	117954	49.895	ug/l	100
36) 1,1-Dichloropropene	5.702	75	97413	49.899	ug/l	100
37) Ethyl Acetate	4.721	43	88076	48.877	ug/l	100
38) Carbon Tetrachloride	5.690	117	105202	49.656	ug/l	100
39) Methylcyclohexane	7.385	83	128553	50.041	ug/l	100
40) Benzene	6.044	78	289724	50.146	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48765	50.762	ug/l	100
42) 1,2-Dichloroethane	6.092	62	101218	49.855	ug/l	100
43) Isopropyl Acetate	6.342	43	146377	51.911	ug/l	100
44) Trichloroethene	7.129	130	72796	49.441	ug/l	100
45) 1,2-Dichloropropane	7.434	63	70702	49.378	ug/l	100
46) Dibromomethane	7.586	93	51288	49.840	ug/l	100
47) Bromodichloromethane	7.824	83	106651	50.787	ug/l	100
48) Methyl methacrylate	7.696	41	75708	53.535	ug/l	100
49) 1,4-Dioxane	7.659	88	19802	962.534	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	435000	258.656	ug/l	100
52) Toluene	8.720	92	181414	50.650	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	99727	51.183	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	111917	50.598	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	66688	49.963	ug/l	100
56) Ethyl methacrylate	9.116	69	103697	52.629	ug/l	100
57) 1,3-Dichloropropane	9.305	76	114824	49.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	287531	280.927	ug/l	100
59) 2-Hexanone	9.427	43	303322	260.883	ug/l	100
60) Dibromochloromethane	9.519	129	79227	50.368	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68515	50.464	ug/l	100
64) Tetrachloroethene	9.275	164	61048	49.115	ug/l	100
65) Chlorobenzene	10.080	112	195752	49.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67004	50.341	ug/l	100
67) Ethyl Benzene	10.189	91	346812	50.119	ug/l	100
68) m/p-Xylenes	10.299	106	259899	100.800	ug/l	100
69) o-Xylene	10.640	106	124120	51.366	ug/l	100
70) Styrene	10.653	104	216738	51.254	ug/l	100
71) Bromoform	10.799	173	51485	50.792	ug/l #	100
73) Isopropylbenzene	10.957	105	331391	50.548	ug/l	100
74) N-amyl acetate	10.842	43	130606	52.581	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	92893	50.745	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	88091m	48.721	ug/l	
77) Bromobenzene	11.195	156	79404	50.331	ug/l	100
78) n-propylbenzene	11.299	91	394375	50.646	ug/l	100
79) 2-Chlorotoluene	11.360	91	230178	49.509	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	273477	50.761	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27677	47.984	ug/l	100
82) 4-Chlorotoluene	11.451	91	269198	49.613	ug/l	100
83) tert-Butylbenzene	11.713	119	277915	49.905	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	272510	50.345	ug/l	100
85) sec-Butylbenzene	11.890	105	355947	50.574	ug/l	100
86) p-Isopropyltoluene	12.006	119	297314	50.067	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	149402	48.568	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	147146	46.571	ug/l	100
89) n-Butylbenzene	12.329	91	280794	49.801	ug/l	100
90) Hexachloroethane	12.536	117	51961	49.968	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	141743	49.309	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18747	51.873	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	100346	49.101	ug/l	100
94) Hexachlorobutadiene	13.719	225	42659	49.621	ug/l	100
95) Naphthalene	13.774	128	296912	50.994	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	96318	49.263	ug/l	100

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

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