

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046719.D
 Acq On : 17 Jun 2025 13:59
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 18 02:38:27 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	5.556	168	134732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226567	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	197947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	30582	16.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	32.820%#
35) Dibromofluoromethane	5.385	113	24156	16.114	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	32.220%#
50) Toluene-d8	8.647	98	88197	16.376	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	32.760%#
62) 4-Bromofluorobenzene	11.079	95	32067	15.973	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	31.940%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	27297	18.977	ug/l	97
3) Chloromethane	1.307	50	30731	19.793	ug/l	98
4) Vinyl Chloride	1.386	62	34049	20.565	ug/l	96
5) Bromomethane	1.618	94	19805	21.261	ug/l	91
6) Chloroethane	1.697	64	20911	20.838	ug/l	97
7) Trichlorofluoromethane	1.904	101	52480	20.875	ug/l	99
8) Diethyl Ether	2.142	74	18139	21.024	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	32778	21.253	ug/l	98
10) Methyl Iodide	2.465	142	30525	18.775	ug/l	99
11) Tert butyl alcohol	2.953	59	16360	97.808	ug/l	96
12) 1,1-Dichloroethene	2.331	96	30924	20.780	ug/l	92
13) Acrolein	2.246	56	20036	82.237	ug/l	98
14) Allyl chloride	2.672	41	56147	20.823	ug/l	99
15) Acrylonitrile	3.069	53	77278	102.746	ug/l	99
16) Acetone	2.386	43	59747	96.140	ug/l	97
17) Carbon Disulfide	2.526	76	88625	19.721	ug/l	99
18) Methyl Acetate	2.709	43	31812	20.154	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	97187	20.974	ug/l	95
20) Methylene Chloride	2.800	84	35302	20.426	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	33796	21.224	ug/l	95
22) Diisopropyl ether	3.764	45	111712	21.555	ug/l	95
23) Vinyl Acetate	3.727	43	433313	105.140	ug/l	100
24) 1,1-Dichloroethane	3.617	63	62164	21.126	ug/l	98
25) 2-Butanone	4.556	43	87671	99.748	ug/l	99
26) 2,2-Dichloropropane	4.483	77	42992	20.032	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39374	21.047	ug/l	99
28) Bromochloromethane	4.904	49	24738	18.544	ug/l	100
29) Tetrahydrofuran	5.007	42	56765	99.990	ug/l	98
30) Chloroform	5.093	83	64109	21.785	ug/l	100
31) Cyclohexane	5.477	56	58552	20.982	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54542	21.133	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44023	20.344	ug/l	99
37) Ethyl Acetate	4.715	43	39916	19.984	ug/l	99
38) Carbon Tetrachloride	5.684	117	48694	20.735	ug/l	97
39) Methylcyclohexane	7.379	83	58170	20.428	ug/l	97
40) Benzene	6.038	78	133872	20.904	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21970	20.632	ug/l	97
42) 1,2-Dichloroethane	6.086	62	47430	21.076	ug/l	99
43) Isopropyl Acetate	6.342	43	62432	19.975	ug/l	100
44) Trichloroethene	7.129	130	33927	20.788	ug/l	100
45) 1,2-Dichloropropane	7.428	63	33688	21.226	ug/l	94
46) Dibromomethane	7.580	93	23569	20.663	ug/l	99
47) Bromodichloromethane	7.818	83	49411	21.227	ug/l	98
48) Methyl methacrylate	7.690	41	31856	20.322	ug/l	98
49) 1,4-Dioxane	7.659	88	8340	382.035	ug/l	93
51) 4-Methyl-2-Pentanone	8.568	43	187509	100.586	ug/l	99
52) Toluene	8.714	92	84030	21.166	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	43852	20.304	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50326	20.526	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	30865	20.862	ug/l	94
56) Ethyl methacrylate	9.116	69	44702	20.468	ug/l	99
57) 1,3-Dichloropropane	9.305	76	52181	20.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	106505	93.878	ug/l	99
59) 2-Hexanone	9.427	43	129218	100.265	ug/l	99
60) Dibromochloromethane	9.519	129	36392	20.872	ug/l	99
61) 1,2-Dibromoethane	9.604	107	31507	20.936	ug/l	100
64) Tetrachloroethene	9.269	164	27988	20.408	ug/l	97
65) Chlorobenzene	10.073	112	90868	20.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31508	21.455	ug/l	100
67) Ethyl Benzene	10.189	91	160761	21.056	ug/l	99
68) m/p-Xylenes	10.299	106	121014	42.539	ug/l	99
69) o-Xylene	10.640	106	57689	21.638	ug/l	100
70) Styrene	10.653	104	99462	21.318	ug/l	99
71) Bromoform	10.799	173	23372	20.898	ug/l #	100
73) Isopropylbenzene	10.957	105	153861	21.255	ug/l	99
74) N-amyl acetate	10.842	43	57185	20.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	42272	20.914	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	41901m	20.989	ug/l	
77) Bromobenzene	11.195	156	37464	21.507	ug/l	99
78) n-propylbenzene	11.299	91	184078	21.410	ug/l	100
79) 2-Chlorotoluene	11.360	91	107552	20.952	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	129635	21.793	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11694	18.362	ug/l	98
82) 4-Chlorotoluene	11.451	91	127954	21.358	ug/l	100
83) tert-Butylbenzene	11.713	119	130359	21.201	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	128566	21.512	ug/l	99
85) sec-Butylbenzene	11.890	105	165047	21.239	ug/l	99
86) p-Isopropyltoluene	12.006	119	138623	21.142	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	70243	20.681	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	71953	20.625	ug/l	99
89) n-Butylbenzene	12.329	91	129101	20.738	ug/l	100
90) Hexachloroethane	12.536	117	23645	20.594	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	66883	21.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8071	20.226	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	44726	19.821	ug/l	97
94) Hexachlorobutadiene	13.725	225	19698	20.752	ug/l	99
95) Naphthalene	13.774	128	129768	20.186	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	44380	20.558	ug/l	100

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

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