

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046721.D
 Acq On : 17 Jun 2025 14:41
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 18 02:40:16 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	110482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	105.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 210.080%#	
35) Dibromofluoromethane	5.391	113	129932	107.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 214.280%#	
50) Toluene-d8	8.647	98	458174	105.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 210.300%#	
62) 4-Bromofluorobenzene	11.079	95	170795	105.156	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 210.320%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	138589	117.494	ug/l	99
3) Chloromethane	1.307	50	141568	111.195	ug/l	99
4) Vinyl Chloride	1.386	62	151879	111.868	ug/l	97
5) Bromomethane	1.611	94	75361	98.660	ug/l	94
6) Chloroethane	1.697	64	89532	108.805	ug/l	96
7) Trichlorofluoromethane	1.898	101	227688	110.449	ug/l	98
8) Diethyl Ether	2.148	74	77791	109.956	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	137759	108.929	ug/l	99
10) Methyl Iodide	2.465	142	174182	104.824	ug/l	99
11) Tert butyl alcohol	2.965	59	78366	571.345	ug/l	99
12) 1,1-Dichloroethene	2.331	96	134660	110.347	ug/l	98
13) Acrolein	2.246	56	108796	544.566	ug/l	99
14) Allyl chloride	2.678	41	243477	110.119	ug/l	100
15) Acrylonitrile	3.075	53	344981	559.348	ug/l	100
16) Acetone	2.386	43	263024	516.133	ug/l	99
17) Carbon Disulfide	2.526	76	383348	104.026	ug/l	98
18) Methyl Acetate	2.709	43	143551	110.909	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	419445	110.387	ug/l	98
20) Methylene Chloride	2.800	84	147144	103.828	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	140792	107.824	ug/l	97
22) Diisopropyl ether	3.770	45	466831	109.846	ug/l	98
23) Vinyl Acetate	3.733	43	1930136	571.126	ug/l	99
24) 1,1-Dichloroethane	3.623	63	258546	107.149	ug/l	98
25) 2-Butanone	4.562	43	409960	568.810	ug/l	99
26) 2,2-Dichloropropane	4.489	77	194006	110.239	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	163672	106.691	ug/l	99
28) Bromochloromethane	4.910	49	114720	104.869	ug/l	99
29) Tetrahydrofuran	5.013	42	265233	569.746	ug/l	100
30) Chloroform	5.105	83	260888	108.113	ug/l	96
31) Cyclohexane	5.477	56	237424	103.757	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	231101	109.198	ug/l	99
36) 1,1-Dichloropropene	5.702	75	183355	104.733	ug/l	98
37) Ethyl Acetate	4.721	43	171444	106.094	ug/l	97
38) Carbon Tetrachloride	5.690	117	200914	105.749	ug/l	98
39) Methylcyclohexane	7.385	83	246277	106.902	ug/l	99
40) Benzene	6.044	78	553336	106.798	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	97782	113.502	ug/l	97
42) 1,2-Dichloroethane	6.092	62	193498	106.278	ug/l	99
43) Isopropyl Acetate	6.342	43	291467	115.264	ug/l	100
44) Trichloroethene	7.129	130	142659	108.043	ug/l	96
45) 1,2-Dichloropropane	7.434	63	137291	106.920	ug/l	96
46) Dibromomethane	7.586	93	98964	107.240	ug/l	99
47) Bromodichloromethane	7.824	83	205870	109.319	ug/l	100
48) Methyl methacrylate	7.696	41	150002	118.279	ug/l	99
49) 1,4-Dioxane	7.659	88	38203	2040.447	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	843944	559.584	ug/l	100
52) Toluene	8.720	92	339735	105.772	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	203470	116.448	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	221241	111.537	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	127195	106.264	ug/l	99
56) Ethyl methacrylate	9.116	69	205153	116.106	ug/l	100
57) 1,3-Dichloropropane	9.305	76	220021	106.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	541734	590.219	ug/l	100
59) 2-Hexanone	9.427	43	587221	563.200	ug/l	100
60) Dibromochloromethane	9.519	129	153731	108.983	ug/l	99
61) 1,2-Dibromoethane	9.610	107	133253	109.444	ug/l	99
64) Tetrachloroethene	9.275	164	115774	103.876	ug/l	98
65) Chlorobenzene	10.079	112	374913	105.577	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	131134	109.876	ug/l	99
67) Ethyl Benzene	10.189	91	663369	106.914	ug/l	100
68) m/p-Xylenes	10.299	106	492448	213.003	ug/l	100
69) o-Xylene	10.640	106	237631	109.675	ug/l	99
70) Styrene	10.653	104	407566	107.488	ug/l	99
71) Bromoform	10.799	173	101329	111.485	ug/l #	99
73) Isopropylbenzene	10.957	105	628803	108.731	ug/l	100
74) N-amyl acetate	10.842	43	260620	118.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	176523	109.317	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	147349m	92.387	ug/l	
77) Bromobenzene	11.195	156	150110	107.864	ug/l	99
78) n-propylbenzene	11.299	91	743979	108.310	ug/l	100
79) 2-Chlorotoluene	11.360	91	434989	106.065	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	517286	108.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57608	113.225	ug/l	96
82) 4-Chlorotoluene	11.451	91	506852	105.896	ug/l	99
83) tert-Butylbenzene	11.713	119	533235	108.548	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	518524	108.598	ug/l	100
85) sec-Butylbenzene	11.890	105	670896	108.062	ug/l	99
86) p-Isopropyltoluene	12.006	119	561258	107.145	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	280540	103.388	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	280884	100.779	ug/l	99
89) n-Butylbenzene	12.329	91	536268	107.822	ug/l	100
90) Hexachloroethane	12.536	117	101647	110.811	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	267432	105.466	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36858	115.616	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	196715	109.119	ug/l	99
94) Hexachlorobutadiene	13.725	225	80407	106.029	ug/l	98
95) Naphthalene	13.774	128	587914	114.468	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	189473	109.861	ug/l	100

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

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