

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046521.D
 Acq On : 06 Jun 2025 11:02
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 06 16:41:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 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	5.568	168	86761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	151628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	143754	93.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 186.260%#			
35) Dibromofluoromethane	5.403	113	105237	94.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 188.760%#			
50) Toluene-d8	8.653	98	343367	93.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 186.800%#			
62) 4-Bromofluorobenzene	11.079	95	141905	93.296	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 186.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	110112	91.417	ug/l	98
3) Chloromethane	1.307	50	98615	89.947	ug/l	99
4) Vinyl Chloride	1.386	62	102609	93.885	ug/l	98
5) Bromomethane	1.617	94	44380	66.888	ug/l	98
6) Chloroethane	1.697	64	61909	87.305	ug/l	99
7) Trichlorofluoromethane	1.904	101	171395	94.783	ug/l	98
8) Diethyl Ether	2.154	74	60580	94.817	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	106901	93.832	ug/l	97
10) Methyl Iodide	2.471	142	129059	104.501	ug/l	100
11) Tert butyl alcohol	2.977	59	90368	527.609	ug/l	99
12) 1,1-Dichloroethene	2.337	96	97296	94.457	ug/l	95
13) Acrolein	2.252	56	101278	460.232	ug/l	100
14) Allyl chloride	2.684	41	197384	97.570	ug/l	94
15) Acrylonitrile	3.081	53	330844	510.880	ug/l	100
16) Acetone	2.398	43	295803	483.635	ug/l	99
17) Carbon Disulfide	2.532	76	211673	96.592	ug/l	98
18) Methyl Acetate	2.721	43	200390	108.991	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	369725	102.579	ug/l	99
20) Methylene Chloride	2.806	84	112036	90.472	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	98333	90.207	ug/l	97
22) Diisopropyl ether	3.782	45	402386	100.889	ug/l #	81
23) Vinyl Acetate	3.739	43	1588475	515.860	ug/l	100
24) 1,1-Dichloroethane	3.629	63	214175	96.351	ug/l	98
25) 2-Butanone	4.574	43	443718	516.388	ug/l	100
26) 2,2-Dichloropropane	4.501	77	168003	101.809	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	126373	94.172	ug/l	99
28) Bromochloromethane	4.916	49	103145	97.287	ug/l	100
29) Tetrahydrofuran	5.019	42	277926	512.155	ug/l	98
30) Chloroform	5.117	83	223890	96.128	ug/l	96
31) Cyclohexane	5.489	56	168997	94.175	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	195664	98.210	ug/l	98
36) 1,1-Dichloropropene	5.708	75	139920	87.846	ug/l	99
37) Ethyl Acetate	4.733	43	171559	110.381	ug/l	98
38) Carbon Tetrachloride	5.696	117	168024	94.183	ug/l	100
39) Methylcyclohexane	7.391	83	171321	91.127	ug/l	98
40) Benzene	6.056	78	418566	93.347	ug/l	99

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41) Methacrylonitrile	4.940	41	96904	100.381	ug/l	96
42) 1,2-Dichloroethane	6.098	62	177798	95.311	ug/l	99
43) Isopropyl Acetate	6.354	43	283615	104.651	ug/l	100
44) Trichloroethene	7.135	130	100714	88.399	ug/l	97
45) 1,2-Dichloropropane	7.440	63	112349	97.071	ug/l	97
46) Dibromomethane	7.586	93	82614	94.883	ug/l	98
47) Bromodichloromethane	7.830	83	178755	99.847	ug/l	99
48) Methyl methacrylate	7.702	41	148448	106.461	ug/l	97
49) 1,4-Dioxane	7.671	88	39522	2119.509	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	882926	512.682	ug/l	100
52) Toluene	8.720	92	257539	93.489	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	169431	105.552	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	180299	101.023	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	107827	97.502	ug/l	99
56) Ethyl methacrylate	9.122	69	180282	105.935	ug/l	97
57) 1,3-Dichloropropane	9.311	76	185642	94.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	472343	509.557	ug/l	100
59) 2-Hexanone	9.433	43	635829	514.792	ug/l	99
60) Dibromochloromethane	9.525	129	128006	98.404	ug/l	100
61) 1,2-Dibromoethane	9.610	107	110603	95.976	ug/l	98
64) Tetrachloroethene	9.275	164	79545	90.169	ug/l	97
65) Chlorobenzene	10.079	112	289084	93.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	106634	101.705	ug/l	99
67) Ethyl Benzene	10.195	91	520064	96.013	ug/l	99
68) m/p-Xylenes	10.305	106	376918	191.829	ug/l	100
69) o-Xylene	10.640	106	185444	97.576	ug/l	100
70) Styrene	10.659	104	319998	98.362	ug/l	99
71) Bromoform	10.799	173	83574	104.541	ug/l #	97
73) Isopropylbenzene	10.963	105	501468	97.400	ug/l	100
74) N-amyl acetate	10.841	43	242879	107.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	163624	99.288	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	134330m	95.251	ug/l	
77) Bromobenzene	11.201	156	115005	96.236	ug/l	98
78) n-propylbenzene	11.305	91	596385	95.703	ug/l	99
79) 2-Chlorotoluene	11.366	91	356389	94.839	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	412251	96.089	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	52102	108.338	ug/l	94
82) 4-Chlorotoluene	11.457	91	416150	93.429	ug/l	98
83) tert-Butylbenzene	11.713	119	425478	97.420	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	418383	96.397	ug/l	100
85) sec-Butylbenzene	11.890	105	536486	95.599	ug/l	100
86) p-Isopropyltoluene	12.006	119	445024	95.124	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	215104	92.695	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	213122	88.632	ug/l	99
89) n-Butylbenzene	12.329	91	433603	94.378	ug/l	99
90) Hexachloroethane	12.536	117	82886	99.681	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	208931	93.273	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40499	109.744	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	143150	93.683	ug/l	99
94) Hexachlorobutadiene	13.725	225	65134	91.723	ug/l	99
95) Naphthalene	13.774	128	499805	103.144	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	145123	94.716	ug/l	99

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

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