

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046718.D
 Acq On : 17 Jun 2025 11:19
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 18 02:37:34 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	130530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10456	5.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.580%#		
35) Dibromofluoromethane	5.403	113	7865	5.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.960%#		
50) Toluene-d8	8.653	98	29120	5.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.280%#		
62) 4-Bromofluorobenzene	11.079	95	11137	5.791	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	11.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	6051	4.342	ug/l	99
3) Chloromethane	1.307	50	7066	4.698	ug/l	90
4) Vinyl Chloride	1.386	62	7425	4.629	ug/l	99
5) Bromomethane	1.617	94	4837	5.360	ug/l	95
6) Chloroethane	1.703	64	4575	4.706	ug/l	92
7) Trichlorofluoromethane	1.904	101	11714	4.810	ug/l	92
8) Diethyl Ether	2.148	74	4038	4.831	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	7353	4.921	ug/l	96
10) Methyl Iodide	2.465	142	5830	7.181	ug/l	99
11) Tert butyl alcohol	2.959	59	3134	19.340	ug/l	99
12) 1,1-Dichloroethene	2.337	96	6884	4.775	ug/l	91
13) Acrolein	2.251	56	6208	26.301	ug/l	100
14) Allyl chloride	2.678	41	12195	4.668	ug/l	99
15) Acrylonitrile	3.081	53	17611	24.169	ug/l	99
16) Acetone	2.392	43	14275	23.710	ug/l	98
17) Carbon Disulfide	2.526	76	19624	4.507	ug/l	100
18) Methyl Acetate	2.721	43	7530	4.924	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	21254	4.734	ug/l	97
20) Methylene Chloride	2.800	84	8556	5.110	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	7425	4.813	ug/l	97
22) Diisopropyl ether	3.769	45	24580	4.895	ug/l #	67
23) Vinyl Acetate	3.739	43	92889	23.264	ug/l	98
24) 1,1-Dichloroethane	3.623	63	13761	4.827	ug/l	99
25) 2-Butanone	4.580	43	20821	24.452	ug/l	97
26) 2,2-Dichloropropane	4.483	77	10020	4.819	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	8891	4.906	ug/l	99
28) Bromochloromethane	4.910	49	6884	5.326	ug/l #	96
29) Tetrahydrofuran	5.025	42	13402	24.367	ug/l	99
30) Chloroform	5.099	83	14385	5.046	ug/l	86
31) Cyclohexane	5.483	56	12835	4.748	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	12150	4.859	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10359	4.998	ug/l	99
37) Ethyl Acetate	4.733	43	8763	4.580	ug/l	96
38) Carbon Tetrachloride	5.690	117	11043	4.909	ug/l	98
39) Methylcyclohexane	7.391	83	13704	5.024	ug/l #	87
40) Benzene	6.050	78	31061	5.064	ug/l	97

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41) Methacrylonitrile	4.940	41	4488	4.400	ug/l #	92
42) 1,2-Dichloroethane	6.104	62	11029	5.116	ug/l	98
43) Isopropyl Acetate	6.348	43	14711	4.914	ug/l	97
44) Trichloroethene	7.135	130	7703	4.927	ug/l	93
45) 1,2-Dichloropropane	7.433	63	7529	4.952	ug/l	97
46) Dibromomethane	7.592	93	5267	4.821	ug/l	95
47) Bromodichloromethane	7.824	83	11072	4.966	ug/l	96
48) Methyl methacrylate	7.702	41	6864	4.571	ug/l	99
49) 1,4-Dioxane	7.671	88	1949	113.091	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	44282	24.800	ug/l	97
52) Toluene	8.720	92	19190	5.046	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9497	4.591	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	11188	4.764	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7151	5.046	ug/l	95
56) Ethyl methacrylate	9.122	69	10101	4.828	ug/l	99
57) 1,3-Dichloropropane	9.311	76	12483	5.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	26158	24.071	ug/l	100
59) 2-Hexanone	9.433	43	30938	25.062	ug/l	99
60) Dibromochloromethane	9.518	129	8249	4.939	ug/l	99
61) 1,2-Dibromoethane	9.610	107	7221	5.009	ug/l	98
64) Tetrachloroethene	9.275	164	6755	4.980	ug/l	97
65) Chlorobenzene	10.079	112	21807	5.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	7006	4.823	ug/l	98
67) Ethyl Benzene	10.195	91	37295	4.939	ug/l	98
68) m/p-Xylenes	10.299	106	27609	9.812	ug/l	96
69) o-Xylene	10.640	106	13421	5.090	ug/l	97
70) Styrene	10.659	104	22403	4.855	ug/l	100
71) Bromoform	10.799	173	5248	4.744	ug/l #	100
73) Isopropylbenzene	10.963	105	36281	4.878	ug/l	99
74) N-amyl acetate	10.841	43	12496	4.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	10468	5.040	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	9687m	4.722	ug/l	
77) Bromobenzene	11.201	156	8694	4.857	ug/l	95
78) n-propylbenzene	11.305	91	42848	4.850	ug/l	100
79) 2-Chlorotoluene	11.366	91	26221	4.971	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29167	4.772	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2663	4.070	ug/l	94
82) 4-Chlorotoluene	11.457	91	30097	4.889	ug/l	99
83) tert-Butylbenzene	11.713	119	30728	4.864	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	30213	4.920	ug/l	98
85) sec-Butylbenzene	11.890	105	39588	4.958	ug/l	100
86) p-Isopropyltoluene	12.006	119	33076	4.909	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	17198	4.928	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	17600	4.910	ug/l	95
89) n-Butylbenzene	12.329	91	29990	4.688	ug/l	98
90) Hexachloroethane	12.536	117	5285	4.480	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	16203	4.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1982	4.834	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	10507	4.532	ug/l	99
94) Hexachlorobutadiene	13.725	225	4953	5.078	ug/l	95
95) Naphthalene	13.774	128	29158	4.414	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10725	4.835	ug/l	96

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

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