

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046512.D
 Acq On : 04 Jun 2025 19:47
 Operator : JC/MD
 Sample : VX0604MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
 Supervised By :Semsettin Yesilyurt 06/05/2025

Quant Time: Jun 05 02:10:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81761	51.946	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.900%			
35) Dibromofluoromethane	5.385	113	57644	52.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.800%			
50) Toluene-d8	8.647	98	185343	48.678	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.360%			
62) 4-Bromofluorobenzene	11.079	95	74426	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23437	18.138	ug/l	99
3) Chloromethane	1.313	50	22863	18.245	ug/l	97
4) Vinyl Chloride	1.374	62	21460	18.401	ug/l	97
5) Bromomethane	1.593	94	8560	15.825	ug/l	91
6) Chloroethane	1.666	64	12960	20.816	ug/l	94
7) Trichlorofluoromethane	1.874	101	33689	19.546	ug/l	97
8) Diethyl Ether	2.136	74	12004	20.459	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	18341	17.195	ug/l	98
10) Methyl Iodide	2.441	142	19392	15.365	ug/l	99
11) Tert butyl alcohol	2.983	59	29041	131.446	ug/l	99
12) 1,1-Dichloroethene	2.306	96	17201	17.183	ug/l	98
13) Acrolein	2.239	56	24891	98.927	ug/l	100
14) Allyl chloride	2.654	41	39489	20.640	ug/l	94
15) Acrylonitrile	3.069	53	76166	120.563	ug/l	98
16) Acetone	2.386	43	76304	120.910	ug/l	99
17) Carbon Disulfide	2.502	76	37339	15.733	ug/l	96
18) Methyl Acetate	2.709	43	45703	31.209	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	76263	21.729	ug/l	97
20) Methylene Chloride	2.782	84	24058	19.893	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	19519	19.389	ug/l	94
22) Diisopropyl ether	3.770	45	82843	22.416	ug/l	91
23) Vinyl Acetate	3.721	43	334395	102.876	ug/l	98
24) 1,1-Dichloroethane	3.605	63	43978	21.365	ug/l	99
25) 2-Butanone	4.562	43	114483	124.955	ug/l	99
26) 2,2-Dichloropropane	4.471	77	21803	13.533	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	25147	20.749	ug/l	98
28) Bromochloromethane	4.904	49	22543	22.752	ug/l	100
29) Tetrahydrofuran	5.013	42	71870	125.185	ug/l	99
30) Chloroform	5.093	83	46657	21.746	ug/l	96
31) Cyclohexane	5.464	56	37267	19.868	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	38975	20.956	ug/l	99
36) 1,1-Dichloropropene	5.690	75	28449	19.247	ug/l	99
37) Ethyl Acetate	4.727	43	40209	22.019	ug/l	98
38) Carbon Tetrachloride	5.672	117	32505	19.573	ug/l	98
39) Methylcyclohexane	7.379	83	34517	18.139	ug/l	97
40) Benzene	6.037	78	88824	20.517	ug/l	99

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41) Methacrylonitrile	4.928	41	22515	23.569	ug/l	97
42) 1,2-Dichloroethane	6.086	62	38859	20.797	ug/l	100
43) Isopropyl Acetate	6.342	43	62373	22.389	ug/l	99
44) Trichloroethene	7.123	130	21055	20.206	ug/l	98
45) 1,2-Dichloropropane	7.428	63	22890	21.263	ug/l	96
46) Dibromomethane	7.586	93	17709	20.857	ug/l	99
47) Bromodichloromethane	7.824	83	34741	20.774	ug/l	97
48) Methyl methacrylate	7.696	41	32801	23.054	ug/l	97
49) 1,4-Dioxane	7.665	88	13790	510.462	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	218884	118.364	ug/l	100
52) Toluene	8.720	92	54808	20.646	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	27670	18.615	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31224	19.006	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	22156	21.166	ug/l	98
56) Ethyl methacrylate	9.116	69	36963	22.156	ug/l	98
57) 1,3-Dichloropropane	9.311	76	39207	20.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	85423	100.435	ug/l	100
59) 2-Hexanone	9.433	43	169322	123.762	ug/l	99
60) Dibromochloromethane	9.519	129	23728	20.641	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22745	20.906	ug/l	97
64) Tetrachloroethene	9.275	164	19162	20.232	ug/l	92
65) Chlorobenzene	10.079	112	58513	19.971	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20493	20.484	ug/l	99
67) Ethyl Benzene	10.195	91	105760	20.478	ug/l	100
68) m/p-Xylenes	10.299	106	77580	41.071	ug/l	99
69) o-Xylene	10.640	106	39086	21.225	ug/l	97
70) Styrene	10.653	104	64066	21.238	ug/l	98
71) Bromoform	10.799	173	14886	19.818	ug/l #	98
73) Isopropylbenzene	10.963	105	103539	20.895	ug/l	99
74) N-amyl acetate	10.842	43	52777	21.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37996	21.882	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32494m	21.210	ug/l	
77) Bromobenzene	11.195	156	23506	20.433	ug/l	100
78) n-propylbenzene	11.305	91	117251	20.351	ug/l	100
79) 2-Chlorotoluene	11.360	91	74141	19.951	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	87029	21.023	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7759	16.489	ug/l	91
82) 4-Chlorotoluene	11.451	91	82610	20.045	ug/l	99
83) tert-Butylbenzene	11.713	119	84309	20.219	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	88976	21.224	ug/l	99
85) sec-Butylbenzene	11.890	105	105024	20.513	ug/l	100
86) p-Isopropyltoluene	12.006	119	84907	20.091	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41826	19.922	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	42314	19.735	ug/l	98
89) n-Butylbenzene	12.329	91	70576	19.039	ug/l	99
90) Hexachloroethane	12.536	117	14659	19.689	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	44480	21.112	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8697	22.608	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	23674	19.564	ug/l	99
94) Hexachlorobutadiene	13.725	225	10441	19.756	ug/l	98
95) Naphthalene	13.774	128	93061	20.968	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24756	19.827	ug/l	99

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

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