

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046836.D
 Acq On : 30 Jun 2025 13:00
 Operator : JC/MD
 Sample : VX0630MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025

Quant Time: Jul 01 05:28:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	148882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98114	47.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.280%		
35) Dibromofluoromethane	5.397	113	82769	50.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.760%		
50) Toluene-d8	8.647	98	302071	51.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.360%		
62) 4-Bromofluorobenzene	11.079	95	116175	53.325	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	29382	18.485	ug/l	97
3) Chloromethane	1.307	50	31408	18.307	ug/l	97
4) Vinyl Chloride	1.386	62	33856	18.505	ug/l	95
5) Bromomethane	1.624	94	24030	23.345	ug/l	95
6) Chloroethane	1.703	64	21499	19.388	ug/l	97
7) Trichlorofluoromethane	1.904	101	52562	18.921	ug/l	98
8) Diethyl Ether	2.148	74	18510	19.415	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	33290	19.534	ug/l	99
10) Methyl Iodide	2.471	142	32607	18.294	ug/l	97
11) Tert butyl alcohol	2.959	59	13543	73.271	ug/l	99
12) 1,1-Dichloroethene	2.337	96	31763	19.315	ug/l	99
13) Acrolein	2.252	56	21584	80.171	ug/l	97
14) Allyl chloride	2.678	41	55289	18.556	ug/l	99
15) Acrylonitrile	3.069	53	77118	92.788	ug/l	98
16) Acetone	2.386	43	59137	86.114	ug/l	97
17) Carbon Disulfide	2.526	76	77949	15.697	ug/l	100
18) Methyl Acetate	2.715	43	33447	19.176	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	94027	18.363	ug/l	96
20) Methylene Chloride	2.806	84	36651	19.191	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	33522	19.051	ug/l	95
22) Diisopropyl ether	3.770	45	115535	20.174	ug/l	97
23) Vinyl Acetate	3.733	43	429371	94.281	ug/l	99
24) 1,1-Dichloroethane	3.623	63	64014	19.687	ug/l	99
25) 2-Butanone	4.568	43	86899	89.473	ug/l	100
26) 2,2-Dichloropropane	4.495	77	45297	19.100	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	40714	19.695	ug/l	99
28) Bromochloromethane	4.910	49	32586	22.105	ug/l	99
29) Tetrahydrofuran	5.013	42	55939	89.170	ug/l	98
30) Chloroform	5.105	83	64409	19.807	ug/l	98
31) Cyclohexane	5.483	56	59514	19.300	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	53680	18.822	ug/l	99
36) 1,1-Dichloropropene	5.702	75	45925	19.557	ug/l	99
37) Ethyl Acetate	4.721	43	35533	16.393	ug/l	99
38) Carbon Tetrachloride	5.690	117	46726	18.335	ug/l	99
39) Methylcyclohexane	7.385	83	59035	19.104	ug/l	96
40) Benzene	6.050	78	140175	20.170	ug/l	99

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41) Methacrylonitrile	4.928	41	21459	18.570	ug/l	100
42) 1,2-Dichloroethane	6.092	62	47276	19.358	ug/l	98
43) Isopropyl Acetate	6.342	43	60764	17.915	ug/l	99
44) Trichloroethene	7.129	130	34951	19.734	ug/l	98
45) 1,2-Dichloropropane	7.434	63	34830	20.222	ug/l	94
46) Dibromomethane	7.586	93	23955	19.353	ug/l	99
47) Bromodichloromethane	7.824	83	49019	19.406	ug/l	100
48) Methyl methacrylate	7.696	41	31993	18.807	ug/l	98
49) 1,4-Dioxane	7.665	88	7505	322.927	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	188942	93.399	ug/l	98
52) Toluene	8.720	92	87527	20.316	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	44354	18.925	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	51504	19.358	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	32571	20.287	ug/l	98
56) Ethyl methacrylate	9.116	69	44966	18.972	ug/l	98
57) 1,3-Dichloropropane	9.311	76	55360	20.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	120976	98.263	ug/l	99
59) 2-Hexanone	9.427	43	127228	90.972	ug/l	100
60) Dibromochloromethane	9.519	129	36576	19.331	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32306	19.782	ug/l	100
64) Tetrachloroethene	9.275	164	29269	18.992	ug/l	97
65) Chlorobenzene	10.079	112	98888	20.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	32052	19.423	ug/l	99
67) Ethyl Benzene	10.195	91	169105	19.711	ug/l	98
68) m/p-Xylenes	10.299	106	127868	39.999	ug/l	98
69) o-Xylene	10.640	106	61088	20.390	ug/l	98
70) Styrene	10.653	104	106294	20.274	ug/l	99
71) Bromoform	10.799	173	22726	18.083	ug/l #	99
73) Isopropylbenzene	10.964	105	165689	19.558	ug/l	100
74) N-amyl acetate	10.842	43	55714	17.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	45090	19.061	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	35270m	16.741	ug/l	
77) Bromobenzene	11.195	156	39791	19.518	ug/l	98
78) n-propylbenzene	11.299	91	195179	19.397	ug/l	100
79) 2-Chlorotoluene	11.360	91	116480	19.388	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	135339	19.440	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11784	15.810	ug/l	95
82) 4-Chlorotoluene	11.451	91	135818	19.370	ug/l	98
83) tert-Butylbenzene	11.713	119	136701	18.996	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	136941	19.578	ug/l	99
85) sec-Butylbenzene	11.890	105	174684	19.207	ug/l	99
86) p-Isopropyltoluene	12.006	119	147176	19.179	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	75562	19.009	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	75770	18.558	ug/l	98
89) n-Butylbenzene	12.329	91	137366	18.853	ug/l	99
90) Hexachloroethane	12.536	117	22534	16.769	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	72573	19.537	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7647	16.374	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	48581	18.396	ug/l	98
94) Hexachlorobutadiene	13.719	225	19168	17.254	ug/l	98
95) Naphthalene	13.774	128	137445	18.268	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	47087	18.637	ug/l	99

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

