

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046446.D
 Acq On : 02 Jun 2025 15:59
 Operator : JC/MD
 Sample : VX0602MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/03/2025
 Supervised By : Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 01:31:39 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	86890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82244	50.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	5.379	113	55789	50.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.140%			
50) Toluene-d8	8.647	98	190007	49.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	11.079	95	76299	52.093	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21794	16.388	ug/l	98
3) Chloromethane	1.307	50	20269	15.716	ug/l	99
4) Vinyl Chloride	1.374	62	18864	15.716	ug/l	98
5) Bromomethane	1.599	94	8643	15.525	ug/l	92
6) Chloroethane	1.678	64	12223	19.076	ug/l	98
7) Trichlorofluoromethane	1.880	101	31946	18.009	ug/l	99
8) Diethyl Ether	2.130	74	11245	18.621	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	20703	18.859	ug/l	97
10) Methyl Iodide	2.447	142	22660	17.445	ug/l	99
11) Tert butyl alcohol	2.971	59	22883	100.635	ug/l	98
12) 1,1-Dichloroethene	2.313	96	17867	17.342	ug/l	98
13) Acrolein	2.239	56	16614	64.157	ug/l	99
14) Allyl chloride	2.660	41	37530	19.060	ug/l	93
15) Acrylonitrile	3.062	53	68013	104.604	ug/l	97
16) Acetone	2.380	43	67357	103.705	ug/l	97
17) Carbon Disulfide	2.508	76	31133	12.746	ug/l	100
18) Methyl Acetate	2.703	43	39595	26.271	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71482	19.789	ug/l	99
20) Methylene Chloride	2.788	84	22509	18.084	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	18109	17.478	ug/l	94
22) Diisopropyl ether	3.757	45	78338	20.596	ug/l	91
23) Vinyl Acetate	3.721	43	317762	94.985	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41723	19.695	ug/l	97
25) 2-Butanone	4.556	43	99932	105.979	ug/l	99
26) 2,2-Dichloropropane	4.465	77	31206	18.819	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	23879	19.144	ug/l	99
28) Bromochloromethane	4.897	49	21518	21.101	ug/l	97
29) Tetrahydrofuran	5.007	42	61798	104.588	ug/l	99
30) Chloroform	5.092	83	45015	20.386	ug/l	94
31) Cyclohexane	5.464	56	33928	17.575	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	36877	19.266	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27085	18.273	ug/l	98
37) Ethyl Acetate	4.721	43	35411	19.336	ug/l	99
38) Carbon Tetrachloride	5.672	117	29954	17.985	ug/l	96
39) Methylcyclohexane	7.379	83	32561	17.063	ug/l	99
40) Benzene	6.037	78	83861	19.315	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21264	22.196	ug/l	99
42) 1,2-Dichloroethane	6.086	62	37583	20.056	ug/l	99
43) Isopropyl Acetate	6.342	43	56966	20.390	ug/l	99
44) Trichloroethene	7.123	130	19496	18.657	ug/l	89
45) 1,2-Dichloropropane	7.427	63	22188	20.552	ug/l	98
46) Dibromomethane	7.580	93	16343	19.193	ug/l	98
47) Bromodichloromethane	7.818	83	33120	19.749	ug/l	100
48) Methyl methacrylate	7.690	41	29664	20.790	ug/l	99
49) 1,4-Dioxane	7.665	88	10531	388.715	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	201321	108.557	ug/l	98
52) Toluene	8.714	92	52270	19.634	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27760	18.623	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	31286	18.989	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	22270	21.215	ug/l	97
56) Ethyl methacrylate	9.116	69	35637	21.300	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38618	20.484	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	88379	103.615	ug/l	99
59) 2-Hexanone	9.427	43	150052	109.365	ug/l	99
60) Dibromochloromethane	9.519	129	22856	19.825	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21822	20.001	ug/l	98
64) Tetrachloroethene	9.269	164	17441	18.042	ug/l	94
65) Chlorobenzene	10.073	112	57515	19.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19813	19.403	ug/l	99
67) Ethyl Benzene	10.189	91	103145	19.567	ug/l	99
68) m/p-Xylenes	10.299	106	75421	39.120	ug/l	97
69) o-Xylene	10.640	106	38521	20.495	ug/l	99
70) Styrene	10.652	104	63217	20.532	ug/l	99
71) Bromoform	10.799	173	14333	18.695	ug/l #	98
73) Isopropylbenzene	10.957	105	102378	20.347	ug/l	100
74) N-amyl acetate	10.841	43	49490	19.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35789	20.297	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31487m	20.240	ug/l	
77) Bromobenzene	11.195	156	22782	19.503	ug/l	97
78) n-propylbenzene	11.299	91	116457	19.906	ug/l	100
79) 2-Chlorotoluene	11.360	91	74141	19.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86538	20.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8094	16.939	ug/l	88
82) 4-Chlorotoluene	11.451	91	84352	20.157	ug/l	100
83) tert-Butylbenzene	11.713	119	85522	20.198	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87011	20.440	ug/l	100
85) sec-Butylbenzene	11.890	105	107383	20.655	ug/l	99
86) p-Isopropyltoluene	12.006	119	88259	20.567	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42546	19.956	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42198	19.381	ug/l	96
89) n-Butylbenzene	12.329	91	74719	19.850	ug/l	99
90) Hexachloroethane	12.536	117	14033	18.561	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	43268	20.225	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7622	19.513	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	24439	19.889	ug/l	99
94) Hexachlorobutadiene	13.725	225	10504	19.573	ug/l	96
95) Naphthalene	13.774	128	89296	19.814	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24987	19.708	ug/l	98

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

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