

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048163.D
 Acq On : 14 Oct 2025 14:11
 Operator : JC/MD
 Sample : VX1014MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2025
 Supervised By : Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:44:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	123544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	218821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	215188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	95130	48.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.760%		
35) Dibromofluoromethane	5.373	113	74355	50.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	8.635	98	244710	48.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.061	95	99584	51.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	25737	20.118	ug/l	99
3) Chloromethane	1.307	50	33083	19.676	ug/l	99
4) Vinyl Chloride	1.380	62	33628	20.432	ug/l	100
5) Bromomethane	1.618	94	24429	23.407	ug/l	95
6) Chloroethane	1.697	64	22075	20.067	ug/l	99
7) Trichlorofluoromethane	1.898	101	50254	20.564	ug/l	99
8) Diethyl Ether	2.136	74	18744	18.750	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	29998	20.993	ug/l	95
10) Methyl Iodide	2.459	142	32101	14.404	ug/l	97
11) Tert butyl alcohol	2.947	59	18270	83.418	ug/l	97
12) 1,1-Dichloroethene	2.325	96	29764	20.278	ug/l	93
13) Acrolein	2.239	56	16411	81.312	ug/l	93
14) Allyl chloride	2.666	41	54353	17.945	ug/l	98
15) Acrylonitrile	3.062	53	77126	95.070	ug/l	99
16) Acetone	2.373	43	67790	79.282	ug/l	96
17) Carbon Disulfide	2.520	76	91643	22.806	ug/l	99
18) Methyl Acetate	2.703	43	32921	17.300	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	98957	18.468	ug/l	100
20) Methylene Chloride	2.794	84	36099	19.945	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	32783	20.745	ug/l	100
22) Diisopropyl ether	3.757	45	114596	19.522	ug/l	100
23) Vinyl Acetate	3.721	43	422550	89.940	ug/l	99
24) 1,1-Dichloroethane	3.611	63	63358	20.307	ug/l	99
25) 2-Butanone	4.544	43	92213	86.458	ug/l	95
26) 2,2-Dichloropropane	4.477	77	48727	18.788	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	38388	19.835	ug/l	98
28) Bromochloromethane	4.885	49	29264	21.484	ug/l	100
29) Tetrahydrofuran	4.989	42	57161	89.089	ug/l	99
30) Chloroform	5.086	83	65756	20.856	ug/l	98
31) Cyclohexane	5.458	56	50100	19.280	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	55242	20.657	ug/l	98
36) 1,1-Dichloropropene	5.684	75	40592	18.929	ug/l	97
37) Ethyl Acetate	4.702	43	38828	16.911	ug/l	99
38) Carbon Tetrachloride	5.672	117	49318	21.167	ug/l	99
39) Methylcyclohexane	7.367	83	46532	19.116	ug/l	93
40) Benzene	6.025	78	133523	20.501	ug/l	98

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41) Methacrylonitrile	4.910	41	21902	18.477	ug/l	98
42) 1,2-Dichloroethane	6.074	62	49571	20.003	ug/l	98
43) Isopropyl Acetate	6.330	43	66469	17.651	ug/l	100
44) Trichloroethene	7.110	130	32865	20.871	ug/l	99
45) 1,2-Dichloropropane	7.415	63	33837	20.289	ug/l	98
46) Dibromomethane	7.574	93	25347	20.885	ug/l	99
47) Bromodichloromethane	7.805	83	53373	21.312	ug/l	97
48) Methyl methacrylate	7.684	41	33193	17.696	ug/l	98
49) 1,4-Dioxane	7.647	88	7262	383.094	ug/l	90
51) 4-Methyl-2-Pentanone	8.561	43	197271	94.485	ug/l	98
52) Toluene	8.702	92	83622	20.839	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	49544	19.395	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	53586	19.626	ug/l	95
55) 1,1,2-Trichloroethane	9.141	97	31806	20.556	ug/l	97
56) Ethyl methacrylate	9.104	69	44737	18.411	ug/l	97
57) 1,3-Dichloropropane	9.293	76	55683	20.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	96545	90.452	ug/l	100
59) 2-Hexanone	9.415	43	135668	90.475	ug/l	99
60) Dibromochloromethane	9.506	129	40026	22.451	ug/l	98
61) 1,2-Dibromoethane	9.598	107	33442	21.220	ug/l	99
64) Tetrachloroethene	9.256	164	29986	21.376	ug/l	99
65) Chlorobenzene	10.061	112	92790	18.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	33120	19.633	ug/l	97
67) Ethyl Benzene	10.177	91	157513	18.674	ug/l	97
68) m/p-Xylenes	10.287	106	117984	37.580	ug/l	98
69) o-Xylene	10.628	106	54802	18.047	ug/l	98
70) Styrene	10.640	104	98962	18.599	ug/l	98
71) Bromoform	10.787	173	26619	21.132	ug/l #	97
73) Isopropylbenzene	10.945	105	129165	14.951	ug/l	98
74) N-amyl acetate	10.829	43	57759	14.661	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	41175	15.753	ug/l	98
76) 1,2,3-Trichloropropane	11.226	75	41196m	17.906	ug/l	
77) Bromobenzene	11.183	156	35038	16.467	ug/l	92
78) n-propylbenzene	11.287	91	175152	17.151	ug/l	99
79) 2-Chlorotoluene	11.348	91	86967	13.904	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	107429	15.136	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	11799	13.078	ug/l	97
82) 4-Chlorotoluene	11.439	91	110557	14.966	ug/l	98
83) tert-Butylbenzene	11.695	119	112167	15.438	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	117027	16.263	ug/l	99
85) sec-Butylbenzene	11.872	105	150485	17.437	ug/l	100
86) p-Isopropyltoluene	11.994	119	120614	16.508	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	68376	17.301	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	68777	16.956	ug/l	98
89) n-Butylbenzene	12.317	91	109468	16.192	ug/l	97
90) Hexachloroethane	12.518	117	23964	18.681	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	63437	16.848	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8101	15.308	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	36743	15.015	ug/l	98
94) Hexachlorobutadiene	13.707	225	13110	15.773	ug/l	97
95) Naphthalene	13.756	128	102877	13.806	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	35435	15.567	ug/l	99

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

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