

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048164.D
 Acq On : 14 Oct 2025 14:31
 Operator : JC/MD
 Sample : VX1014MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS02

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 02:45:16 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	126511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	219762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	203522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92316	45.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.373	113	73154	49.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	8.635	98	244866	48.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.061	95	95977	49.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	27908	21.303	ug/l	99
3) Chloromethane	1.301	50	31885	18.519	ug/l	100
4) Vinyl Chloride	1.380	62	34769	20.629	ug/l	99
5) Bromomethane	1.618	94	24527	22.949	ug/l	98
6) Chloroethane	1.697	64	21920	19.459	ug/l	95
7) Trichlorofluoromethane	1.898	101	53806	21.501	ug/l	100
8) Diethyl Ether	2.136	74	18866	18.429	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	31384	21.448	ug/l	98
10) Methyl Iodide	2.459	142	34385	15.067	ug/l	97
11) Tert butyl alcohol	2.941	59	19972	89.051	ug/l #	94
12) 1,1-Dichloroethene	2.325	96	30118	20.037	ug/l	89
13) Acrolein	2.239	56	19883	96.204	ug/l	98
14) Allyl chloride	2.666	41	55043	17.746	ug/l	98
15) Acrylonitrile	3.062	53	76688	92.313	ug/l	99
16) Acetone	2.374	43	64510	73.677	ug/l	99
17) Carbon Disulfide	2.520	76	90131	21.904	ug/l	98
18) Methyl Acetate	2.703	43	32229	16.540	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	97346	17.741	ug/l	98
20) Methylene Chloride	2.788	84	35355	19.076	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	32065	19.815	ug/l	94
22) Diisopropyl ether	3.751	45	115036	19.137	ug/l #	83
23) Vinyl Acetate	3.715	43	429172	89.207	ug/l	99
24) 1,1-Dichloroethane	3.611	63	62871	19.678	ug/l	99
25) 2-Butanone	4.544	43	93339	85.462	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49023	18.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	38031	19.190	ug/l	98
28) Bromochloromethane	4.891	49	28786	20.638	ug/l	98
29) Tetrahydrofuran	4.995	42	58301	88.735	ug/l	99
30) Chloroform	5.080	83	65690	20.346	ug/l	99
31) Cyclohexane	5.464	56	53684	20.174	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	56411	20.599	ug/l	99
36) 1,1-Dichloropropene	5.684	75	42560	19.762	ug/l	98
37) Ethyl Acetate	4.708	43	40095	17.388	ug/l	96
38) Carbon Tetrachloride	5.672	117	50436	21.554	ug/l	98
39) Methylcyclohexane	7.367	83	49932	20.425	ug/l	98
40) Benzene	6.031	78	131458	20.097	ug/l	99

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41) Methacrylonitrile	4.910	41	21489	18.051	ug/l	98
42) 1,2-Dichloroethane	6.074	62	49904	20.051	ug/l	99
43) Isopropyl Acetate	6.330	43	67455	17.836	ug/l	99
44) Trichloroethene	7.117	130	32622	20.628	ug/l	92
45) 1,2-Dichloropropane	7.415	63	34053	20.331	ug/l	97
46) Dibromomethane	7.568	93	25057	20.558	ug/l	95
47) Bromodichloromethane	7.812	83	50450	20.058	ug/l	99
48) Methyl methacrylate	7.684	41	31065	16.491	ug/l	97
49) 1,4-Dioxane	7.653	88	7740	406.562	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	196290	93.613	ug/l	100
52) Toluene	8.702	92	83633	20.753	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	49230	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	55331	20.178	ug/l	99
55) 1,1,2-Trichloroethane	9.141	97	32434	20.872	ug/l	95
56) Ethyl methacrylate	9.104	69	44586	18.270	ug/l	98
57) 1,3-Dichloropropane	9.293	76	56011	20.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	98240	91.527	ug/l	99
59) 2-Hexanone	9.415	43	137472	91.286	ug/l	98
60) Dibromochloromethane	9.506	129	39107	21.842	ug/l	98
61) 1,2-Dibromoethane	9.592	107	33037	20.873	ug/l	100
64) Tetrachloroethene	9.256	164	29539	22.264	ug/l	97
65) Chlorobenzene	10.061	112	91997	19.897	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	32320	20.257	ug/l	99
67) Ethyl Benzene	10.177	91	153079	19.188	ug/l	99
68) m/p-Xylenes	10.287	106	118811	40.012	ug/l	100
69) o-Xylene	10.628	106	56123	19.541	ug/l	98
70) Styrene	10.640	104	97163	19.307	ug/l	98
71) Bromoform	10.781	173	25312	21.247	ug/l #	98
73) Isopropylbenzene	10.945	105	146182	18.198	ug/l	100
74) N-amyl acetate	10.829	43	57919	15.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43407	17.861	ug/l	98
76) 1,2,3-Trichloropropane	11.226	75	41619m	19.455	ug/l	
77) Bromobenzene	11.183	156	35809	18.100	ug/l	98
78) n-propylbenzene	11.287	91	175875	18.521	ug/l	100
79) 2-Chlorotoluene	11.348	91	104969	18.048	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	121183	18.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	12751	15.200	ug/l	97
82) 4-Chlorotoluene	11.439	91	125056	18.206	ug/l	99
83) tert-Butylbenzene	11.695	119	119442	17.680	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	122592	18.322	ug/l	99
85) sec-Butylbenzene	11.872	105	148893	18.554	ug/l	99
86) p-Isopropyltoluene	11.994	119	123278	18.146	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	66519	18.102	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	68575	18.182	ug/l	98
89) n-Butylbenzene	12.317	91	114994	18.293	ug/l	98
90) Hexachloroethane	12.518	117	24926	20.898	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	64083	18.304	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	8441	17.155	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	38226	16.800	ug/l	98
94) Hexachlorobutadiene	13.707	225	15227	19.702	ug/l	99
95) Naphthalene	13.756	128	108064	15.597	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	35888	16.956	ug/l	98

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

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