

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047131.D
 Acq On : 25 Jul 2025 10:50
 Operator : JC/MD
 Sample : VX0725MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

Quant Time: Jul 26 00:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	286971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	490660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192922	53.968	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.940%			
35) Dibromofluoromethane	5.397	113	164188	54.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.400%			
50) Toluene-d8	8.652	98	507623	51.740	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.480%			
62) 4-Bromofluorobenzene	11.079	95	229294	54.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	77208	20.255	ug/l	98
3) Chloromethane	1.312	50	68584	18.190	ug/l	99
4) Vinyl Chloride	1.392	62	80928	19.967	ug/l	99
5) Bromomethane	1.629	94	44112	20.036	ug/l	96
6) Chloroethane	1.709	64	47270	17.757	ug/l	94
7) Trichlorofluoromethane	1.910	101	117870	19.503	ug/l	97
8) Diethyl Ether	2.148	74	41372	19.415	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	72150	19.815	ug/l	98
10) Methyl Iodide	2.471	142	95518	25.739	ug/l	98
11) Tert butyl alcohol	2.958	59	39965	89.013	ug/l	98
12) 1,1-Dichloroethene	2.337	96	69154	19.175	ug/l	100
13) Acrolein	2.245	56	91897	119.392	ug/l	98
14) Allyl chloride	2.684	41	120437	18.475	ug/l	94
15) Acrylonitrile	3.080	53	168274	98.700	ug/l	99
16) Acetone	2.391	43	145371	101.512	ug/l	97
17) Carbon Disulfide	2.532	76	195368	18.726	ug/l	97
18) Methyl Acetate	2.715	43	80284	21.096	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	219081	19.961	ug/l	97
20) Methylene Chloride	2.806	84	76633	19.451	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	71171	19.285	ug/l	96
22) Diisopropyl ether	3.769	45	254358	20.294	ug/l	99
23) Vinyl Acetate	3.733	43	1033218	102.780	ug/l	99
24) 1,1-Dichloroethane	3.623	63	136709	19.615	ug/l	100
25) 2-Butanone	4.568	43	208418	99.951	ug/l	98
26) 2,2-Dichloropropane	4.489	77	109716	20.336	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	84405	19.314	ug/l	99
28) Bromochloromethane	4.909	49	62938	19.629	ug/l	99
29) Tetrahydrofuran	5.019	42	128307	95.367	ug/l	98
30) Chloroform	5.104	83	138676	19.547	ug/l	97
31) Cyclohexane	5.482	56	130484	19.525	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	122739	19.918	ug/l	99
36) 1,1-Dichloropropene	5.702	75	98982	19.168	ug/l	97
37) Ethyl Acetate	4.726	43	93377	19.623	ug/l	97
38) Carbon Tetrachloride	5.690	117	106541	19.330	ug/l	98
39) Methylcyclohexane	7.384	83	119640	18.556	ug/l	99
40) Benzene	6.049	78	289568	19.376	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047131.D
 Acq On : 25 Jul 2025 10:50
 Operator : JC/MD
 Sample : VX0725MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Quant Time: Jul 26 00:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	48866	19.641	ug/l #	93
42) 1,2-Dichloroethane	6.098	62	105689	20.076	ug/l	97
43) Isopropyl Acetate	6.348	43	149985	20.218	ug/l	99
44) Trichloroethene	7.134	130	72379	18.886	ug/l	100
45) 1,2-Dichloropropane	7.433	63	72425	19.349	ug/l	96
46) Dibromomethane	7.586	93	52126	19.859	ug/l	98
47) Bromodichloromethane	7.823	83	112358	20.111	ug/l	98
48) Methyl methacrylate	7.695	41	77538	19.187	ug/l	99
49) 1,4-Dioxane	7.714	88	18866	410.456	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	451340	102.361	ug/l	98
52) Toluene	8.720	92	180750	19.670	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	100735	19.094	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	114622	19.850	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	67398	19.557	ug/l	96
56) Ethyl methacrylate	9.116	69	103828	20.351	ug/l	98
57) 1,3-Dichloropropane	9.311	76	119480	19.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238315	83.944	ug/l	100
59) 2-Hexanone	9.433	43	311163	106.813	ug/l	100
60) Dibromochloromethane	9.518	129	81704	20.215	ug/l	100
61) 1,2-Dibromoethane	9.610	107	72083	20.004	ug/l	99
64) Tetrachloroethene	9.274	164	59260	18.781	ug/l	96
65) Chlorobenzene	10.079	112	196510	19.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	68126	19.734	ug/l	100
67) Ethyl Benzene	10.195	91	349020	19.468	ug/l	100
68) m/p-Xylenes	10.299	106	263647	39.297	ug/l	100
69) o-Xylene	10.640	106	122330	19.167	ug/l	96
70) Styrene	10.652	104	217459	19.870	ug/l	100
71) Bromoform	10.798	173	51905	19.793	ug/l #	98
73) Isopropylbenzene	10.963	105	339121	19.797	ug/l	100
74) N-amyl acetate	10.841	43	134216	19.419	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	99088	20.251	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	77812m	19.362	ug/l	
77) Bromobenzene	11.195	156	80177	19.514	ug/l	100
78) n-propylbenzene	11.304	91	408943	19.978	ug/l	99
79) 2-Chlorotoluene	11.359	91	242106	19.786	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	279189	19.729	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18288	11.724	ug/l	96
82) 4-Chlorotoluene	11.451	91	285071	19.960	ug/l	100
83) tert-Butylbenzene	11.713	119	275838	19.420	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	280491	19.872	ug/l	99
85) sec-Butylbenzene	11.890	105	352148	19.842	ug/l	98
86) p-Isopropyltoluene	12.006	119	294210	19.991	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	153079	19.609	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	153867	19.454	ug/l	98
89) n-Butylbenzene	12.329	91	276638	20.044	ug/l	98
90) Hexachloroethane	12.536	117	52343	19.881	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	145690	19.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19950	21.241	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	96308	19.537	ug/l	98
94) Hexachlorobutadiene	13.719	225	34232	20.419	ug/l	99
95) Naphthalene	13.774	128	291057	20.140	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	92685	19.516	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047131.D
Acq On : 25 Jul 2025 10:50
Operator : JC/MD
Sample : VX0725MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

Quant Time: Jul 26 00:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

