

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047529.D
 Acq On : 26 Aug 2025 12:48
 Operator : JC/MD
 Sample : VX0826MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:35:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	225308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168130	53.319	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.640%			
35) Dibromofluoromethane	5.391	113	134389	51.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	8.647	98	460973	49.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	180162	52.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	52994	18.451	ug/l	98
3) Chloromethane	1.307	50	49596	19.195	ug/l	98
4) Vinyl Chloride	1.392	62	60019	18.507	ug/l	97
5) Bromomethane	1.630	94	27465	20.967	ug/l	87
6) Chloroethane	1.703	64	37885	19.093	ug/l	97
7) Trichlorofluoromethane	1.904	101	91925	19.163	ug/l	97
8) Diethyl Ether	2.148	74	36805	21.790	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	57603	20.701	ug/l	99
10) Methyl Iodide	2.471	142	66121	13.866	ug/l	95
11) Tert butyl alcohol	2.959	59	37080	135.173	ug/l	99
12) 1,1-Dichloroethene	2.337	96	56481	19.910	ug/l	100
13) Acrolein	2.251	56	49647	85.736	ug/l	99
14) Allyl chloride	2.678	41	107330	21.783	ug/l	96
15) Acrylonitrile	3.081	53	155200	117.084	ug/l	98
16) Acetone	2.386	43	141133	119.074	ug/l	95
17) Carbon Disulfide	2.526	76	151068	17.647	ug/l	100
18) Methyl Acetate	2.715	43	85187	27.735	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	202142	23.423	ug/l	99
20) Methylene Chloride	2.800	84	68153	21.715	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	59796	19.860	ug/l	99
22) Diisopropyl ether	3.769	45	227407	23.349	ug/l	97
23) Vinyl Acetate	3.733	43	918946	115.115	ug/l	100
24) 1,1-Dichloroethane	3.623	63	120092	21.815	ug/l	98
25) 2-Butanone	4.568	43	197894	127.485	ug/l	99
26) 2,2-Dichloropropane	4.483	77	88851	21.384	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	76073	21.693	ug/l	98
28) Bromochloromethane	4.903	49	50299	21.957	ug/l	98
29) Tetrahydrofuran	5.019	42	117874	117.485	ug/l	100
30) Chloroform	5.105	83	125512	22.340	ug/l	98
31) Cyclohexane	5.483	56	99900	19.686	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	104739	21.659	ug/l	98
36) 1,1-Dichloropropene	5.702	75	80573	19.699	ug/l	99
37) Ethyl Acetate	4.721	43	82198	19.357	ug/l #	95
38) Carbon Tetrachloride	5.684	117	85436	19.114	ug/l	97
39) Methylcyclohexane	7.379	83	92891	18.207	ug/l	96
40) Benzene	6.043	78	250052	20.424	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047529.D
 Acq On : 26 Aug 2025 12:48
 Operator : JC/MD
 Sample : VX0826MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:35:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	44216	24.693	ug/l	92
42) 1,2-Dichloroethane	6.092	62	93609	21.586	ug/l	100
43) Isopropyl Acetate	6.348	43	139285	22.833	ug/l	99
44) Trichloroethene	7.129	130	63630	20.298	ug/l	97
45) 1,2-Dichloropropane	7.433	63	67410	21.978	ug/l	98
46) Dibromomethane	7.586	93	49137	22.067	ug/l	96
47) Bromodichloromethane	7.818	83	99872	21.635	ug/l	97
48) Methyl methacrylate	7.696	41	71532	22.591	ug/l	99
49) 1,4-Dioxane	7.683	88	15018	487.889	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	420926	119.907	ug/l	98
52) Toluene	8.720	92	159264	21.052	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	90815	22.541	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	101245	22.202	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	64447	22.437	ug/l	96
56) Ethyl methacrylate	9.116	69	97060	22.919	ug/l	99
57) 1,3-Dichloropropane	9.305	76	110505	22.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	202020	104.918	ug/l	98
59) 2-Hexanone	9.427	43	284652	117.225	ug/l	100
60) Dibromochloromethane	9.518	129	76258	22.340	ug/l	97
61) 1,2-Dibromoethane	9.610	107	65795	22.213	ug/l	99
64) Tetrachloroethene	9.275	164	50836	19.227	ug/l	96
65) Chlorobenzene	10.079	112	179906	20.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	63013	21.459	ug/l	99
67) Ethyl Benzene	10.195	91	306951	20.531	ug/l	98
68) m/p-Xylenes	10.299	106	233721	41.924	ug/l	99
69) o-Xylene	10.640	106	112670	21.002	ug/l	100
70) Styrene	10.652	104	197452	21.782	ug/l	100
71) Bromoform	10.799	173	49083	22.250	ug/l #	100
73) Isopropylbenzene	10.957	105	292694	20.617	ug/l	99
74) N-amyl acetate	10.841	43	124564	23.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	94740	22.729	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	73282m	22.024	ug/l	
77) Bromobenzene	11.195	156	73992	21.344	ug/l	99
78) n-propylbenzene	11.305	91	346012	20.407	ug/l	99
79) 2-Chlorotoluene	11.360	91	212843	20.766	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	242644	20.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14251	23.554	ug/l	99
82) 4-Chlorotoluene	11.451	91	251489	20.815	ug/l	99
83) tert-Butylbenzene	11.713	119	243832	20.923	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	249393	21.350	ug/l	99
85) sec-Butylbenzene	11.890	105	298816	20.688	ug/l	99
86) p-Isopropyltoluene	12.006	119	253480	20.738	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	141074	21.302	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	142013	20.849	ug/l	99
89) n-Butylbenzene	12.329	91	236438	20.797	ug/l	99
90) Hexachloroethane	12.536	117	43805	20.429	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	134647	21.420	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17605	21.840	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	86777	20.592	ug/l	97
94) Hexachlorobutadiene	13.725	225	28129	18.752	ug/l	97
95) Naphthalene	13.774	128	254914	21.167	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	81026	20.398	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
Data File : VX047529.D
Acq On : 26 Aug 2025 12:48
Operator : JC/MD
Sample : VX0826MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0826MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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

