

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047008.D
 Acq On : 15 Jul 2025 17:27
 Operator : JC/MD
 Sample : VX0715MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:31:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	285726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	492414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	224565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	208635	55.272	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.540%			
35) Dibromofluoromethane	5.397	113	169814	50.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.653	98	570585	48.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.760%			
62) 4-Bromofluorobenzene	11.079	95	236047	52.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	45622	16.696	ug/l	98
3) Chloromethane	1.307	50	50707	16.984	ug/l	99
4) Vinyl Chloride	1.386	62	56788	17.467	ug/l	94
5) Bromomethane	1.624	94	36986	17.705	ug/l	90
6) Chloroethane	1.703	64	38769	18.059	ug/l	98
7) Trichlorofluoromethane	1.904	101	94285	18.756	ug/l	95
8) Diethyl Ether	2.148	74	37007	20.686	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.343	101	58955	18.405	ug/l	99
10) Methyl Iodide	2.465	142	52083	14.924	ug/l	96
11) Tert butyl alcohol	2.959	59	43944	177.505	ug/l	98
12) 1,1-Dichloroethene	2.337	96	57190	18.459	ug/l	97
13) Acrolein	2.251	56	22775	85.144	ug/l	99
14) Allyl chloride	2.678	41	110451	20.023	ug/l	97
15) Acrylonitrile	3.074	53	188801	131.906	ug/l	100
16) Acetone	2.386	43	148354	126.527	ug/l	97
17) Carbon Disulfide	2.532	76	120078	14.778	ug/l	99
18) Methyl Acetate	2.715	43	98174	31.767	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	214440	24.509	ug/l	95
20) Methylene Chloride	2.806	84	70769	20.411	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	60517	19.088	ug/l	94
22) Diisopropyl ether	3.769	45	244989	22.989	ug/l	86
23) Vinyl Acetate	3.733	43	949249	118.894	ug/l	98
24) 1,1-Dichloroethane	3.623	63	124626	20.505	ug/l	98
25) 2-Butanone	4.568	43	229538	146.731	ug/l	99
26) 2,2-Dichloropropane	4.495	77	78684	17.395	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	79691	20.588	ug/l	97
28) Bromochloromethane	4.916	49	66634	22.215	ug/l	99
29) Tetrahydrofuran	5.019	42	145915	146.324	ug/l	100
30) Chloroform	5.105	83	132078	21.271	ug/l	97
31) Cyclohexane	5.476	56	101777	18.863	ug/l	91
32) 1,1,1-Trichloroethane	5.397	97	106398	20.510	ug/l	98
36) 1,1-Dichloropropene	5.708	75	82305	18.250	ug/l	99
37) Ethyl Acetate	4.733	43	94489	24.600	ug/l	100
38) Carbon Tetrachloride	5.690	117	91545	19.201	ug/l	100
39) Methylcyclohexane	7.385	83	92852	16.459	ug/l	95
40) Benzene	6.050	78	259677	19.037	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	52238	25.494	ug/l	97
42) 1,2-Dichloroethane	6.098	62	98578	21.282	ug/l	97
43) Isopropyl Acetate	6.348	43	153077	26.019	ug/l	99
44) Trichloroethene	7.135	130	63034	17.752	ug/l	90
45) 1,2-Dichloropropane	7.433	63	68703	19.935	ug/l	98
46) Dibromomethane	7.586	93	50323	21.075	ug/l	99
47) Bromodichloromethane	7.824	83	103025	20.207	ug/l	98
48) Methyl methacrylate	7.696	41	79981	26.328	ug/l	96
49) 1,4-Dioxane	7.665	88	21099	599.414	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	499356	143.816	ug/l	99
52) Toluene	8.720	92	165291	19.555	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	91071	20.015	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	104940	20.205	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	69352	22.028	ug/l	97
56) Ethyl methacrylate	9.116	69	106150	24.360	ug/l	94
57) 1,3-Dichloropropane	9.311	76	117075	21.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	253989	103.445	ug/l	99
59) 2-Hexanone	9.427	43	346461	150.433	ug/l	98
60) Dibromochloromethane	9.525	129	77313	20.519	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69174	21.877	ug/l	100
64) Tetrachloroethene	9.275	164	53700	18.446	ug/l	91
65) Chlorobenzene	10.079	112	187598	19.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65320	20.555	ug/l	99
67) Ethyl Benzene	10.195	91	323232	19.966	ug/l	99
68) m/p-Xylenes	10.299	106	242507	39.753	ug/l	97
69) o-Xylene	10.640	106	120939	20.523	ug/l	98
70) Styrene	10.652	104	210170	20.846	ug/l	99
71) Bromoform	10.799	173	51088	21.621	ug/l #	100
73) Isopropylbenzene	10.963	105	319788	20.257	ug/l	99
74) N-amyl acetate	10.841	43	139275	25.963	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	104930	24.173	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82718m	23.839	ug/l	
77) Bromobenzene	11.195	156	78387	19.935	ug/l	97
78) n-propylbenzene	11.305	91	376050	19.756	ug/l	100
79) 2-Chlorotoluene	11.366	91	224998	20.018	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	262881	20.494	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28051	21.694	ug/l	94
82) 4-Chlorotoluene	11.451	91	266427	20.541	ug/l	99
83) tert-Butylbenzene	11.713	119	270361	20.407	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	266157	20.529	ug/l	96
85) sec-Butylbenzene	11.890	105	335566	20.089	ug/l	99
86) p-Isopropyltoluene	12.006	119	278194	19.888	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	146844	19.968	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	149851	19.579	ug/l	98
89) n-Butylbenzene	12.329	91	254344	19.352	ug/l	99
90) Hexachloroethane	12.536	117	46041	18.567	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	143748	20.171	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20503	27.005	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	97474	20.134	ug/l	98
94) Hexachlorobutadiene	13.725	225	33211	18.190	ug/l	97
95) Naphthalene	13.774	128	311130	24.388	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	94198	20.592	ug/l	97

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

