

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046096.D
 Acq On : 08 May 2025 17:12
 Operator : JC/MD
 Sample : VX0508MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508MBS01

Quant Time: May 09 01:58:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	91383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80800	47.427	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.860%		
35) Dibromofluoromethane	5.385	113	55933	47.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.660%		
50) Toluene-d8	8.647	98	190814	46.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.300%		
62) 4-Bromofluorobenzene	11.079	95	71564	45.612	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	28900	20.662	ug/l	100
3) Chloromethane	1.307	50	27365	20.175	ug/l	98
4) Vinyl Chloride	1.374	62	24244	19.205	ug/l	98
5) Bromomethane	1.593	94	10914	18.640	ug/l	95
6) Chloroethane	1.666	64	13491	20.019	ug/l	97
7) Trichlorofluoromethane	1.874	101	36575	19.604	ug/l	97
8) Diethyl Ether	2.136	74	12628	19.883	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	22606	19.580	ug/l	99
10) Methyl Iodide	2.441	142	26229	19.199	ug/l	99
11) Tert butyl alcohol	2.977	59	25613	107.103	ug/l	99
12) 1,1-Dichloroethene	2.307	96	20624	19.033	ug/l	94
13) Acrolein	2.240	56	28003	102.821	ug/l	97
14) Allyl chloride	2.654	41	41346	19.965	ug/l	98
15) Acrylonitrile	3.063	53	70384	102.928	ug/l	97
16) Acetone	2.386	43	69078	101.125	ug/l	97
17) Carbon Disulfide	2.502	76	42201	16.427	ug/l	99
18) Methyl Acetate	2.709	43	33993	21.445	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	78194	20.583	ug/l	99
20) Methylene Chloride	2.782	84	25206	19.256	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	21081	19.346	ug/l	97
22) Diisopropyl ether	3.758	45	82185	20.545	ug/l	91
23) Vinyl Acetate	3.721	43	362994	103.171	ug/l	99
24) 1,1-Dichloroethane	3.605	63	45198	20.286	ug/l	99
25) 2-Butanone	4.556	43	102988	103.850	ug/l	99
26) 2,2-Dichloropropane	4.471	77	27978	16.043	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	26936	20.533	ug/l	95
28) Bromochloromethane	4.891	49	22907	21.359	ug/l	98
29) Tetrahydrofuran	5.013	42	66293	106.679	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21866	21.307	ug/l	99
42) 1,2-Dichloroethane	6.086	62	40488	20.170	ug/l	99
43) Isopropyl Acetate	6.342	43	60894	20.347	ug/l	99
44) Trichloroethene	7.123	130	21899	19.563	ug/l	97
45) 1,2-Dichloropropane	7.428	63	23638	20.440	ug/l	97
46) Dibromomethane	7.580	93	18072	19.813	ug/l	99
47) Bromodichloromethane	7.818	83	35324	19.663	ug/l	100
48) Methyl methacrylate	7.696	41	32385	21.188	ug/l	98
49) 1,4-Dioxane	7.659	88	13068	450.295	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	210214	105.818	ug/l	98
52) Toluene	8.714	92	57180	20.050	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29105	18.227	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33173	18.796	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	23034	20.484	ug/l	97
56) Ethyl methacrylate	9.116	69	37290	20.807	ug/l	98
57) 1,3-Dichloropropane	9.305	76	40252	19.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	92922	101.699	ug/l	100
59) 2-Hexanone	9.427	43	158374	107.757	ug/l	99
60) Dibromochloromethane	9.519	129	24678	19.983	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23614	20.204	ug/l	100
64) Tetrachloroethene	9.269	164	18839	18.714	ug/l	95
65) Chlorobenzene	10.080	112	60170	19.321	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21110	19.852	ug/l	99
67) Ethyl Benzene	10.189	91	109804	20.003	ug/l	99
68) m/p-Xylenes	10.299	106	80410	40.050	ug/l	98
69) o-Xylene	10.640	106	40117	20.496	ug/l	96
70) Styrene	10.653	104	65245	20.349	ug/l	98
71) Bromoform	10.799	173	15318	19.187	ug/l #	100
73) Isopropylbenzene	10.957	105	106554	20.999	ug/l	100
74) N-amyl acetate	10.842	43	53782	21.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36270	20.398	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32007m	20.402	ug/l	
77) Bromobenzene	11.195	156	23622	20.052	ug/l	99
78) n-propylbenzene	11.305	91	118992	20.168	ug/l	100
79) 2-Chlorotoluene	11.360	91	77188	20.283	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	89270	21.059	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8340	17.308	ug/l	92
82) 4-Chlorotoluene	11.451	91	86064	20.394	ug/l	100
83) tert-Butylbenzene	11.713	119	88044	20.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	88713	20.665	ug/l	100
85) sec-Butylbenzene	11.890	105	108906	20.772	ug/l	100
86) p-Isopropyltoluene	12.006	119	88235	20.389	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	43009	20.005	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146				

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

