

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047261.D
 Acq On : 07 Aug 2025 15:42
 Operator : JC/MD
 Sample : VX0807MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807MBS01

Quant Time: Aug 08 02:46:09 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 08/08/2025
 Supervised By : Mahesh Dadoda 08/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	262496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	396919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157738	48.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.391	113	137314	50.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.640%		
50) Toluene-d8	8.647	98	412913	46.729	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.460%		
62) 4-Bromofluorobenzene	11.079	95	196123	51.503	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	70326	20.170	ug/l	95
3) Chloromethane	1.313	50	60797	17.628	ug/l	98
4) Vinyl Chloride	1.392	62	72148	19.460	ug/l #	84
5) Bromomethane	1.630	94	25418	12.621	ug/l	95
6) Chloroethane	1.709	64	43482	17.857	ug/l	99
7) Trichlorofluoromethane	1.904	101	104270	18.861	ug/l	96
8) Diethyl Ether	2.148	74	34691	17.798	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	61143	18.358	ug/l	99
10) Methyl Iodide	2.471	142	76505	22.538	ug/l	97
11) Tert butyl alcohol	2.953	59	27993	65.648	ug/l	100
12) 1,1-Dichloroethene	2.337	96	60903	18.462	ug/l	97
13) Acrolein	2.246	56	28529	40.521	ug/l	100
14) Allyl chloride	2.678	41	98707	16.553	ug/l	93
15) Acrylonitrile	3.075	53	126490	81.110	ug/l	97
16) Acetone	2.386	43	138639	105.838	ug/l	99
17) Carbon Disulfide	2.526	76	173684	18.199	ug/l	98
18) Methyl Acetate	2.709	43	61737	17.735	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	185831	18.510	ug/l	99
20) Methylene Chloride	2.800	84	66654	18.496	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	62729	18.582	ug/l	98
22) Diisopropyl ether	3.764	45	215940	18.835	ug/l	97
23) Vinyl Acetate	3.727	43	851609	92.613	ug/l	99
24) 1,1-Dichloroethane	3.617	63	117514	18.433	ug/l	99
25) 2-Butanone	4.562	43	167143	87.631	ug/l	95
26) 2,2-Dichloropropane	4.483	77	92214	18.686	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	72630	18.169	ug/l	100
28) Bromochloromethane	4.898	49	68139	23.232	ug/l	99
29) Tetrahydrofuran	5.019	42	105068	85.376	ug/l	99
30) Chloroform	5.099	83	119406	18.400	ug/l	94
31) Cyclohexane	5.477	56	111784	18.287	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	104834	18.599	ug/l	98
36) 1,1-Dichloropropene	5.696	75	86489	18.596	ug/l	98
37) Ethyl Acetate	4.721	43	67014	15.636	ug/l	98
38) Carbon Tetrachloride	5.678	117	91843	18.501	ug/l	99
39) Methylcyclohexane	7.385	83	110651	19.055	ug/l	94
40) Benzene	6.044	78	252792	18.781	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35131	15.677	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	87777	18.513	ug/l	99
43) Isopropyl Acetate	6.342	43	114111	17.079	ug/l	97
44) Trichloroethene	7.129	130	62265	18.039	ug/l	91
45) 1,2-Dichloropropane	7.434	63	63511	18.839	ug/l	95
46) Dibromomethane	7.580	93	43788	18.522	ug/l	97
47) Bromodichloromethane	7.824	83	92339	18.351	ug/l	99
48) Methyl methacrylate	7.696	41	61570	16.916	ug/l	98
49) 1,4-Dioxane	7.720	88	14263	344.537	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	346551	87.264	ug/l	98
52) Toluene	8.720	92	158542	19.156	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85696	18.035	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	95361	18.336	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	58145	18.733	ug/l	98
56) Ethyl methacrylate	9.116	69	85688	18.648	ug/l	99
57) 1,3-Dichloropropane	9.305	76	99683	18.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	219662	85.907	ug/l	99
59) 2-Hexanone	9.427	43	240637	91.714	ug/l	98
60) Dibromochloromethane	9.519	129	66143	18.170	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59233	18.251	ug/l	100
64) Tetrachloroethene	9.275	164	52955	18.507	ug/l	96
65) Chlorobenzene	10.080	112	170872	18.376	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	57131	18.249	ug/l	99
67) Ethyl Benzene	10.189	91	307390	18.907	ug/l	99
68) m/p-Xylenes	10.299	106	230295	37.852	ug/l	100
69) o-Xylene	10.640	106	109748	18.962	ug/l	100
70) Styrene	10.653	104	190842	19.229	ug/l	99
71) Bromoform	10.799	173	40108	16.866	ug/l #	99
73) Isopropylbenzene	10.957	105	295560	18.864	ug/l	100
74) N-amyl acetate	10.842	43	110361	17.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	80708	18.034	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62675m	17.051	ug/l	
77) Bromobenzene	11.195	156	70462	18.750	ug/l	98
78) n-propylbenzene	11.299	91	355497	18.988	ug/l	99
79) 2-Chlorotoluene	11.360	91	207644	18.553	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	244915	18.921	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13104	9.185	ug/l	95
82) 4-Chlorotoluene	11.451	91	248757	19.043	ug/l	99
83) tert-Butylbenzene	11.713	119	247909	19.082	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	245568	19.021	ug/l	100
85) sec-Butylbenzene	11.890	105	309372	19.059	ug/l	99
86) p-Isopropyltoluene	12.006	119	255423	18.975	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	134369	18.818	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	135127	18.679	ug/l	97
89) n-Butylbenzene	12.329	91	244525	19.370	ug/l	100
90) Hexachloroethane	12.536	117	40086	16.646	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	125732	18.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14719	17.134	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	84757	18.798	ug/l	100
94) Hexachlorobutadiene	13.725	225	31622	20.622	ug/l	98
95) Naphthalene	13.774	128	242073	18.314	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	79382	18.275	ug/l	98

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

