

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046397.D
 Acq On : 29 May 2025 14:16
 Operator : JC/MD
 Sample : VX0529MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:28:41 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82804	52.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.860%			
35) Dibromofluoromethane	5.379	113	56905	53.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	8.647	98	189087	51.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	73862	52.298	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	21164	16.480	ug/l	99
3) Chloromethane	1.301	50	20837	16.731	ug/l	99
4) Vinyl Chloride	1.374	62	19009	16.400	ug/l	98
5) Bromomethane	1.593	94	9185	17.085	ug/l	99
6) Chloroethane	1.673	64	11154	18.026	ug/l	98
7) Trichlorofluoromethane	1.874	101	30983	18.087	ug/l	97
8) Diethyl Ether	2.136	74	10964	18.802	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	19678	18.562	ug/l	98
10) Methyl Iodide	2.447	142	21282	16.966	ug/l	99
11) Tert butyl alcohol	2.971	59	23299	106.107	ug/l	98
12) 1,1-Dichloroethene	2.313	96	17484	17.573	ug/l	95
13) Acrolein	2.233	56	18992	75.948	ug/l	96
14) Allyl chloride	2.660	41	36303	19.092	ug/l	96
15) Acrylonitrile	3.063	53	63861	101.710	ug/l	98
16) Acetone	2.380	43	62441	99.554	ug/l	99
17) Carbon Disulfide	2.508	76	31035	13.157	ug/l	100
18) Methyl Acetate	2.703	43	36906	25.357	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	66956	19.195	ug/l	100
20) Methylene Chloride	2.782	84	20965	17.443	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	17690	17.680	ug/l	97
22) Diisopropyl ether	3.758	45	73727	20.073	ug/l	89
23) Vinyl Acetate	3.721	43	304687	94.315	ug/l	99
24) 1,1-Dichloroethane	3.605	63	39751	19.431	ug/l	98
25) 2-Butanone	4.556	43	94463	103.740	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28010	17.493	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	22988	19.085	ug/l	99
28) Bromochloromethane	4.891	49	21585	21.920	ug/l	97
29) Tetrahydrofuran	5.007	42	59145	103.656	ug/l	98
30) Chloroform	5.093	83	42695	20.023	ug/l	100
31) Cyclohexane	5.465	56	31721	17.016	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	34941	18.903	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26031	18.212	ug/l	98
37) Ethyl Acetate	4.715	43	34315	19.432	ug/l	99
38) Carbon Tetrachloride	5.672	117	29732	18.514	ug/l	98
39) Methylcyclohexane	7.379	83	30786	16.730	ug/l	96
40) Benzene	6.032	78	79865	19.076	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19521	21.132	ug/l	97
42) 1,2-Dichloroethane	6.086	62	35450	19.619	ug/l	100
43) Isopropyl Acetate	6.342	43	53328	19.795	ug/l	98
44) Trichloroethene	7.123	130	18220	18.082	ug/l	94
45) 1,2-Dichloropropane	7.428	63	21133	20.300	ug/l	99
46) Dibromomethane	7.580	93	15738	19.168	ug/l	99
47) Bromodichloromethane	7.818	83	31922	19.740	ug/l	99
48) Methyl methacrylate	7.696	41	27903	20.281	ug/l	100
49) 1,4-Dioxane	7.659	88	11492	439.908	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	189910	106.199	ug/l	98
52) Toluene	8.714	92	49009	19.091	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	26037	18.114	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	29572	18.614	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	20663	20.413	ug/l	97
56) Ethyl methacrylate	9.116	69	32763	20.308	ug/l	98
57) 1,3-Dichloropropane	9.305	76	35959	19.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87370	106.228	ug/l	99
59) 2-Hexanone	9.427	43	141646	107.064	ug/l	100
60) Dibromochloromethane	9.519	129	21586	19.418	ug/l	98
61) 1,2-Dibromoethane	9.610	107	20806	19.776	ug/l	98
64) Tetrachloroethene	9.269	164	16955	18.272	ug/l	94
65) Chlorobenzene	10.080	112	53431	18.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	18972	19.355	ug/l	99
67) Ethyl Benzene	10.189	91	95059	18.787	ug/l	99
68) m/p-Xylenes	10.299	106	69311	37.453	ug/l	97
69) o-Xylene	10.640	106	35161	19.489	ug/l	99
70) Styrene	10.653	104	57817	19.563	ug/l	99
71) Bromoform	10.799	173	13407	18.218	ug/l #	98
73) Isopropylbenzene	10.957	105	92281	19.150	ug/l	100
74) N-amyl acetate	10.842	43	45710	19.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33465	19.817	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29072m	19.513	ug/l	
77) Bromobenzene	11.195	156	20920	18.700	ug/l	97
78) n-propylbenzene	11.299	91	106275	18.968	ug/l	100
79) 2-Chlorotoluene	11.360	91	68347	18.912	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	77435	19.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7581	16.566	ug/l	88
82) 4-Chlorotoluene	11.451	91	76544	19.099	ug/l	98
83) tert-Butylbenzene	11.713	119	77665	19.153	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	79206	19.428	ug/l	100
85) sec-Butylbenzene	11.890	105	96437	19.369	ug/l	99
86) p-Isopropyltoluene	12.006	119	79264	19.287	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38297	18.757	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	39665	19.023	ug/l	99
89) n-Butylbenzene	12.329	91	66350	18.405	ug/l	98
90) Hexachloroethane	12.536	117	12920	17.844	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	40662	19.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7335	19.607	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	21728	18.464	ug/l	96
94) Hexachlorobutadiene	13.725	225	9672	18.819	ug/l	98
95) Naphthalene	13.774	128	79089	18.324	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23149	19.065	ug/l	96

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

