

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046398.D
 Acq On : 29 May 2025 14:47
 Operator : JC/MD
 Sample : VX0529MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 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 01:29:37 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	5.544	168	79047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78220	53.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.160%			
35) Dibromofluoromethane	5.379	113	52577	52.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	8.647	98	176051	50.712	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	11.079	95	72666	54.568	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20898	17.273	ug/l	94
3) Chloromethane	1.301	50	20199	17.216	ug/l	98
4) Vinyl Chloride	1.374	62	17942	16.431	ug/l	96
5) Bromomethane	1.593	94	8988	17.747	ug/l	98
6) Chloroethane	1.666	64	10345	17.747	ug/l	97
7) Trichlorofluoromethane	1.874	101	28403	17.600	ug/l	97
8) Diethyl Ether	2.136	74	9723	17.699	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	18326	18.350	ug/l	99
10) Methyl Iodide	2.447	142	19867	16.812	ug/l	98
11) Tert butyl alcohol	2.977	59	22481	108.677	ug/l	100
12) 1,1-Dichloroethene	2.307	96	16849	17.976	ug/l	98
13) Acrolein	2.233	56	16916	71.805	ug/l	98
14) Allyl chloride	2.654	41	34298	19.146	ug/l	96
15) Acrylonitrile	3.062	53	64200	108.536	ug/l	99
16) Acetone	2.380	43	61565	104.192	ug/l	96
17) Carbon Disulfide	2.502	76	29065	13.080	ug/l	98
18) Methyl Acetate	2.703	43	35702	26.038	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	66252	20.161	ug/l	98
20) Methylene Chloride	2.782	84	20866	18.428	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	16605	17.616	ug/l	97
22) Diisopropyl ether	3.757	45	72091	20.834	ug/l	94
23) Vinyl Acetate	3.715	43	297592	97.782	ug/l	99
24) 1,1-Dichloroethane	3.599	63	38399	19.924	ug/l	97
25) 2-Butanone	4.556	43	92100	107.364	ug/l	98
26) 2,2-Dichloropropane	4.459	77	25687	17.028	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	21565	19.004	ug/l	99
28) Bromochloromethane	4.891	49	21100	22.745	ug/l	99
29) Tetrahydrofuran	5.001	42	57131	106.283	ug/l	98
30) Chloroform	5.080	83	40509	20.165	ug/l	99
31) Cyclohexane	5.458	56	29954	17.056	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	32615	18.730	ug/l	99
36) 1,1-Dichloropropene	5.684	75	24878	18.460	ug/l	98
37) Ethyl Acetate	4.715	43	32882	19.748	ug/l	99
38) Carbon Tetrachloride	5.666	117	27708	18.299	ug/l	95
39) Methylcyclohexane	7.373	83	29518	17.013	ug/l	99
40) Benzene	6.031	78	74772	18.942	ug/l	100

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41) Methacrylonitrile	4.916	41	19224	22.071	ug/l	98
42) 1,2-Dichloroethane	6.080	62	35060	20.579	ug/l	99
43) Isopropyl Acetate	6.336	43	52805	20.788	ug/l	99
44) Trichloroethene	7.123	130	17600	18.525	ug/l	94
45) 1,2-Dichloropropane	7.428	63	20428	20.812	ug/l	96
46) Dibromomethane	7.580	93	15497	20.018	ug/l	99
47) Bromodichloromethane	7.818	83	30905	20.269	ug/l	97
48) Methyl methacrylate	7.690	41	27524	21.217	ug/l	99
49) 1,4-Dioxane	7.665	88	10873	441.427	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	188449	111.766	ug/l	98
52) Toluene	8.714	92	46147	19.065	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	25107	18.525	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	28914	19.303	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	20372	21.345	ug/l	98
56) Ethyl methacrylate	9.116	69	32570	21.412	ug/l	99
57) 1,3-Dichloropropane	9.305	76	35159	20.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	85936	110.814	ug/l	100
59) 2-Hexanone	9.427	43	141026	113.053	ug/l	99
60) Dibromochloromethane	9.519	129	21423	20.439	ug/l	97
61) 1,2-Dibromoethane	9.604	107	20271	20.435	ug/l	98
64) Tetrachloroethene	9.269	164	15941	18.221	ug/l	96
65) Chlorobenzene	10.073	112	51797	19.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	18123	19.611	ug/l	100
67) Ethyl Benzene	10.189	91	92462	19.382	ug/l	98
68) m/p-Xylenes	10.299	106	67770	38.841	ug/l	97
69) o-Xylene	10.640	106	34163	20.084	ug/l	99
70) Styrene	10.653	104	57275	20.555	ug/l	100
71) Bromoform	10.799	173	13476	19.423	ug/l #	99
73) Isopropylbenzene	10.957	105	91012	19.280	ug/l	100
74) N-amyl acetate	10.842	43	45551	19.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33359	20.166	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29101m	19.939	ug/l	
77) Bromobenzene	11.195	156	20691	18.880	ug/l	97
78) n-propylbenzene	11.299	91	104733	19.082	ug/l	100
79) 2-Chlorotoluene	11.360	91	67659	19.111	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	77780	19.723	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7753	17.295	ug/l	92
82) 4-Chlorotoluene	11.451	91	75961	19.348	ug/l	99
83) tert-Butylbenzene	11.713	119	77403	19.486	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	77451	19.394	ug/l	99
85) sec-Butylbenzene	11.890	105	96897	19.867	ug/l	99
86) p-Isopropyltoluene	12.006	119	79866	19.838	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	39178	19.588	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	39206	19.194	ug/l	97
89) n-Butylbenzene	12.329	91	67085	18.997	ug/l	99
90) Hexachloroethane	12.536	117	12866	18.140	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	38627	19.246	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7201	19.650	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	21386	18.552	ug/l	98
94) Hexachlorobutadiene	13.725	225	9801	19.467	ug/l	100
95) Naphthalene	13.774	128	80166	18.961	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	22878	19.234	ug/l	97

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

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