

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045300.D
 Acq On : 17 Mar 2025 13:04
 Operator : JC/MD
 Sample : VX0317MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:23:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	197791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90918	50.792	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.580%			
35) Dibromofluoromethane	5.379	113	68622	51.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	8.647	98	239711	49.994	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.980%			
62) 4-Bromofluorobenzene	11.079	95	83767	52.722	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27935	19.721	ug/l	95
3) Chloromethane	1.301	50	30048	17.333	ug/l	97
4) Vinyl Chloride	1.368	62	27360	15.910	ug/l	95
5) Bromomethane	1.599	94	17457	25.823	ug/l	98
6) Chloroethane	1.685	64	18101	22.820	ug/l	99
7) Trichlorofluoromethane	1.880	101	43090	18.928	ug/l	98
8) Diethyl Ether	2.130	74	15075	16.930	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	29351	22.441	ug/l	99
10) Methyl Iodide	2.447	142	30890	18.899	ug/l	97
11) Tert butyl alcohol	2.959	59	26326	77.645	ug/l	98
12) 1,1-Dichloroethene	2.313	96	27013	19.535	ug/l	96
13) Acrolein	2.233	56	9229	23.547	ug/l	100
14) Allyl chloride	2.660	41	49379	20.061	ug/l	97
15) Acrylonitrile	3.056	53	89644	98.649	ug/l	99
16) Acetone	2.373	43	78192	94.149	ug/l	97
17) Carbon Disulfide	2.508	76	56943	15.461	ug/l	98
18) Methyl Acetate	2.703	43	47630	23.839	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	93773	20.213	ug/l	100
20) Methylene Chloride	2.782	84	32286	19.625	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	27153	19.876	ug/l	98
22) Diisopropyl ether	3.757	45	101779	20.331	ug/l	91
23) Vinyl Acetate	3.715	43	405309	97.021	ug/l	100
24) 1,1-Dichloroethane	3.599	63	56154	20.015	ug/l	98
25) 2-Butanone	4.550	43	122232	97.776	ug/l	99
26) 2,2-Dichloropropane	4.471	77	35013	26.607	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	33318	19.757	ug/l	94
28) Bromochloromethane	4.891	49	29037	21.714	ug/l	100
29) Tetrahydrofuran	5.001	42	79168	94.301	ug/l	99
30) Chloroform	5.086	83	56387	20.228	ug/l	99
31) Cyclohexane	5.458	56	47860	19.652	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	44414	19.727	ug/l	98
36) 1,1-Dichloropropene	5.690	75	36486	20.116	ug/l	98
37) Ethyl Acetate	4.708	43	43673	18.686	ug/l	99
38) Carbon Tetrachloride	5.666	117	36273	19.698	ug/l	98
39) Methylcyclohexane	7.373	83	46391	21.346	ug/l	97
40) Benzene	6.031	78	117669	20.544	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	4.910	41	26794	21.202	ug/l	98
42) 1,2-Dichloroethane	6.080	62	44056	21.361	ug/l	100
43) Isopropyl Acetate	6.336	43	70472	20.391	ug/l	99
44) Trichloroethene	7.117	130	26681	19.839	ug/l	97
45) 1,2-Dichloropropane	7.427	63	29933	20.327	ug/l	100
46) Dibromomethane	7.580	93	21744	20.891	ug/l	97
47) Bromodichloromethane	7.818	83	41471	20.313	ug/l	99
48) Methyl methacrylate	7.690	41	35490	20.469	ug/l	96
49) 1,4-Dioxane	7.653	88	13358	365.235	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	243683	105.012	ug/l	100
52) Toluene	8.714	92	70504	20.981	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	34608	20.277	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	41424	20.813	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	28277	20.440	ug/l	95
56) Ethyl methacrylate	9.116	69	44067	20.956	ug/l	99
57) 1,3-Dichloropropane	9.305	76	49044	20.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	113780	110.918	ug/l	98
59) 2-Hexanone	9.427	43	176965	105.254	ug/l	100
60) Dibromochloromethane	9.519	129	29408	20.331	ug/l	98
61) 1,2-Dibromoethane	9.604	107	27621	20.000	ug/l	100
64) Tetrachloroethene	9.269	164	23337	21.099	ug/l	95
65) Chlorobenzene	10.073	112	75265	20.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	24352	20.010	ug/l	96
67) Ethyl Benzene	10.189	91	133538	20.972	ug/l	100
68) m/p-Xylenes	10.299	106	98961	42.455	ug/l	98
69) o-Xylene	10.640	106	48950	20.822	ug/l	99
70) Styrene	10.653	104	79718	20.957	ug/l	98
71) Bromoform	10.799	173	17538	19.111	ug/l #	98
73) Isopropylbenzene	10.957	105	128829	21.060	ug/l	99
74) N-amyl acetate	10.842	43	57133	19.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	45494	20.267	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	37126m	20.353	ug/l	
77) Bromobenzene	11.195	156	29018	20.106	ug/l	96
78) n-propylbenzene	11.299	91	148649	21.512	ug/l	99
79) 2-Chlorotoluene	11.360	91	90627	20.594	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	105059	21.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9510	17.842	ug/l #	83
82) 4-Chlorotoluene	11.451	91	100389	20.931	ug/l	100
83) tert-Butylbenzene	11.713	119	104546	20.572	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	107018	21.504	ug/l	98
85) sec-Butylbenzene	11.890	105	130834	21.492	ug/l	99
86) p-Isopropyltoluene	12.006	119	109037	22.164	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	52852	20.527	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	53091	20.381	ug/l	97
89) n-Butylbenzene	12.329	91	95403	22.516	ug/l	100
90) Hexachloroethane	12.536	117	17315	19.458	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	54124	20.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8848	20.232	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	30821	20.957	ug/l	100
94) Hexachlorobutadiene	13.719	225	12697	21.058	ug/l	97
95) Naphthalene	13.774	128	117240	20.749	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	32026	20.642	ug/l	98

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

