

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045745.D
 Acq On : 11 Apr 2025 16:37
 Operator : JC/MD
 Sample : VX0411MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 11 23:06:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81524	53.721	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.440%			
35) Dibromofluoromethane	5.379	113	54631	50.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.647	98	185924	49.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	69012	50.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25486	20.536	ug/l	98
3) Chloromethane	1.301	50	24280	19.044	ug/l	99
4) Vinyl Chloride	1.374	62	22387	19.187	ug/l	99
5) Bromomethane	1.593	94	9914	17.920	ug/l	96
6) Chloroethane	1.666	64	12450	20.112	ug/l	98
7) Trichlorofluoromethane	1.867	101	36676	21.080	ug/l	99
8) Diethyl Ether	2.136	74	11493	19.675	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	21543	21.130	ug/l	97
10) Methyl Iodide	2.441	142	24290	19.101	ug/l	100
11) Tert butyl alcohol	2.983	59	19416	95.202	ug/l	98
12) 1,1-Dichloroethene	2.306	96	19535	19.609	ug/l	96
13) Acrolein	2.233	56	25989	92.538	ug/l	96
14) Allyl chloride	2.660	41	37116	19.636	ug/l	97
15) Acrylonitrile	3.062	53	64443	100.101	ug/l	98
16) Acetone	2.386	43	62376	100.099	ug/l	100
17) Carbon Disulfide	2.502	76	39020	15.859	ug/l	99
18) Methyl Acetate	2.703	43	33786	23.549	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71560	20.534	ug/l	99
20) Methylene Chloride	2.782	84	23330	19.998	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	19465	19.125	ug/l	98
22) Diisopropyl ether	3.757	45	76587	20.569	ug/l #	85
23) Vinyl Acetate	3.721	43	316648	98.430	ug/l	99
24) 1,1-Dichloroethane	3.599	63	42582	20.222	ug/l	97
25) 2-Butanone	4.562	43	92336	101.228	ug/l	99
26) 2,2-Dichloropropane	4.471	77	26928	19.793	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	24776	19.981	ug/l	98
28) Bromochloromethane	4.897	49	21317	20.949	ug/l	100
29) Tetrahydrofuran	5.007	42	57942	97.977	ug/l	100
30) Chloroform	5.086	83	45748	21.114	ug/l	95
31) Cyclohexane	5.458	56	35909	19.290	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	37744	20.587	ug/l	99
36) 1,1-Dichloropropene	5.684	75	28784	19.899	ug/l	99
37) Ethyl Acetate	4.715	43	36524	20.037	ug/l	99
38) Carbon Tetrachloride	5.672	117	31336	20.045	ug/l	98
39) Methylcyclohexane	7.373	83	34155	19.263	ug/l	97
40) Benzene	6.031	78	86011	19.470	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19006	19.761	ug/l	96
42) 1,2-Dichloroethane	6.086	62	38688	21.203	ug/l	100
43) Isopropyl Acetate	6.342	43	52495	19.001	ug/l	100
44) Trichloroethene	7.123	130	20495	19.519	ug/l	96
45) 1,2-Dichloropropane	7.427	63	21546	19.547	ug/l	98
46) Dibromomethane	7.580	93	17229	20.362	ug/l	99
47) Bromodichloromethane	7.818	83	33271	19.689	ug/l	95
48) Methyl methacrylate	7.690	41	28307	19.844	ug/l	99
49) 1,4-Dioxane	7.665	88	10916	422.955	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	189680	103.565	ug/l	99
52) Toluene	8.714	92	53248	19.919	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	26075	17.601	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	31093	19.581	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	22064	20.713	ug/l	99
56) Ethyl methacrylate	9.116	69	32671	19.818	ug/l	97
57) 1,3-Dichloropropane	9.305	76	37797	20.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	81111	97.261	ug/l	100
59) 2-Hexanone	9.433	43	138439	102.073	ug/l	99
60) Dibromochloromethane	9.519	129	22819	19.650	ug/l	98
61) 1,2-Dibromoethane	9.604	107	21377	19.824	ug/l	98
64) Tetrachloroethene	9.269	164	18564	19.994	ug/l	97
65) Chlorobenzene	10.079	112	57329	20.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	19600	20.090	ug/l	97
67) Ethyl Benzene	10.189	91	100909	20.050	ug/l	99
68) m/p-Xylenes	10.299	106	74591	40.748	ug/l	99
69) o-Xylene	10.640	106	37022	20.531	ug/l	99
70) Styrene	10.653	104	60787	20.424	ug/l	99
71) Bromoform	10.799	173	13578	18.639	ug/l #	98
73) Isopropylbenzene	10.957	105	96950	19.985	ug/l	99
74) N-amyl acetate	10.841	43	46683	20.117	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33926	19.908	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28469m	19.271	ug/l	
77) Bromobenzene	11.195	156	22483	20.058	ug/l	99
78) n-propylbenzene	11.299	91	113864	20.378	ug/l	98
79) 2-Chlorotoluene	11.360	91	72067	20.174	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	82406	20.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7302	16.776	ug/l	87
82) 4-Chlorotoluene	11.451	91	80489	20.209	ug/l	98
83) tert-Butylbenzene	11.713	119	81191	20.443	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	83696	20.787	ug/l	99
85) sec-Butylbenzene	11.890	105	100614	20.626	ug/l	99
86) p-Isopropyltoluene	12.006	119	81306	20.218	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40441	19.821	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	40486	19.573	ug/l	97
89) n-Butylbenzene	12.329	91	68109	19.530	ug/l	100
90) Hexachloroethane	12.536	117	13396	19.382	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	41503	20.460	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7401	20.766	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	22428	19.863	ug/l	99
94) Hexachlorobutadiene	13.725	225	9725	19.987	ug/l	98
95) Naphthalene	13.774	128	83497	19.871	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24467	20.693	ug/l	96

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

