

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024657.D
 Acq On : 07 Oct 2021 19:44
 Operator : JC/MD
 Sample : M4000-13MSDME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW906MSDME

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 9:39:09 AM

Quant Time: Oct 07 23:11:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	348724	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	323222	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	179734	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	110363	51.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.22%			
7) Chloroethane-d5	1.648	69	42455	29.87	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 59.74%#			
11) 1,1-Dichloroethene-d2	2.270	63	201734	47.59	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.18%			
21) 2-Butanone-d5	4.507	46	156953	88.42	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.42%			
24) Chloroform-d	5.068	84	243667	55.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.44%			
26) 1,2-Dichloroethane-d4	5.964	65	166733	53.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.82%			
32) Benzene-d6	5.970	84	475662	52.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.48%			
36) 1,2-Dichloropropane-d6	7.312	67	146534	51.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.92%			
41) Toluene-d8	8.653	98	442265	49.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.72%			
43) trans-1,3-Dichloroprop...	8.958	79	69506	49.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.52%			
47) 2-Hexanone-d5	9.403	63	146780	109.79	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.79%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	221692	56.52	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.04%			
66) 1,2-Dichlorobenzene-d4	12.323	152	193021	54.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.78%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	157094	50.96	ug/L	99
3) Chloromethane	1.294	50	123826	49.20	ug/L	100
5) Vinyl chloride	1.374	62	130556	51.41	ug/L	99
6) Bromomethane	1.599	94	50927	36.34	ug/L	98
8) Chloroethane	1.666	64	34079	25.71	ug/L	96
9) Trichlorofluoromethane	1.837	101	85994	24.03	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	105531	47.38	ug/L	96
12) 1,1-Dichloroethene	2.282	96	94991	47.43	ug/L	89
13) Acetone	2.434	43	120405	68.62	ug/L	90
14) Carbon disulfide	2.471	76	273505	47.30	ug/L	98
15) Methyl Acetate	2.733	43	144449	51.67	ug/L	95
16) Methylene chloride	2.776	84	126674	52.56	ug/L	92
17) trans-1,2-Dichloroethene	3.075	96	122512	53.95	ug/L	94
18) Methyl tert-butyl Ether	3.148	73	415324	55.61	ug/L	97
19) 1,1-Dichloroethane	3.605	63	222943	52.54	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	138349	53.98	ug/L	99
22) 2-Butanone	4.611	43	209004m	89.98	ug/L	
23) Bromochloromethane	4.910	128	68936	51.47	ug/L	91
25) Chloroform	5.099	83	241389	50.31	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	198138	53.23	ug/L	95
29) Cyclohexane	5.458	56	210311	52.42	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	218332	51.51	ug/L	99
31) Carbon tetrachloride	5.672	117	184486	49.61	ug/L	100
33) Benzene	6.037	78	507892	50.85	ug/L	100
34) Trichloroethene	7.129	95	316949	115.29	ug/L	97
35) Methylcyclohexane	7.379	83	230614	52.77	ug/L	97
37) 1,2-Dichloropropane	7.433	63	127737	48.56	ug/L	99
38) Bromodichloromethane	7.830	83	153166	45.58	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	189113	47.95	ug/L	98
40) 4-Methyl-2-pentanone	8.592	43	389038	97.20	ug/L	93
42) Toluene	8.720	91	543811	48.78	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	190473	49.45	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	127348	49.79	ug/L	97
46) Tetrachloroethene	9.275	164	111307	51.94	ug/L	96
48) 2-Hexanone	9.445	43	309449	94.77	ug/L	92
49) Dibromochloromethane	9.525	129	127313	47.87	ug/L	97
50) 1,2-Dibromoethane	9.616	107	140485	50.86	ug/L	100
51) Chlorobenzene	10.085	112	356341	53.03	ug/L	96
52) Ethylbenzene	10.195	91	617388	53.79	ug/L	98
53) m,p-Xylene	10.305	106	243335	54.26	ug/L	96
54) o-Xylene	10.646	106	237664	53.06	ug/L	95
55) Styrene	10.659	104	405484	54.23	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.219	83	218567	54.07	ug/L	98
59) Bromoform	10.805	173	90795	44.65	ug/L	99
60) Isopropylbenzene	10.969	105	648432	52.39	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	178012	48.25	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	570481	52.48	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	576463	54.25	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	303236	52.54	ug/L	95
65) 1,4-Dichlorobenzene	12.049	146	302079	52.39	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	301457	52.90	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	52820	53.26	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	230290	55.55	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	219976	62.71	ug/L	99
71) Naphthalene	13.780	128	767660	65.56	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	221052	61.07	ug/L	97

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

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