

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083121\
 Data File : VW022045.D
 Acq On : 31 Aug 2021 16:56
 Operator : SY/MD
 Sample : M3579-19MS
 Misc : 6.76g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6C0MS

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 12:30:01 PM

Quant Time: Sep 01 02:46:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	358566	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	352469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	210079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66682	26.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.700%#
7) Chloroethane-d5	1.529	69	20124	10.378	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.760%#
11) 1,1-Dichloroethene-d2	2.079	63	138287	33.674	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.340%
21) 2-Butanone-d5	3.889	46	165555	97.216	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.220%
24) Chloroform-d	4.346	84	175628	38.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.580%
26) 1,2-Dichloroethane-d4	5.027	65	106250	39.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.680%
32) Benzene-d6	5.044	84	324912	33.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.980%#
36) 1,2-Dichloropropane-d6	6.069	67	111825	37.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.380%
41) Toluene-d8	7.317	98	293762	32.551	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.100%#
43) trans-1,3-Dichloroprop...	7.625	79	51887	36.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.520%
47) 2-Hexanone-d5	8.104	63	123082	106.694	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.690%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	194056	50.397	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	155710	37.703	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	104388	42.353	ug/L	99
3) Chloromethane	1.237	50	121852	46.689	ug/L	100
5) Vinyl chloride	1.307	62	124099	47.176	ug/L	99
6) Bromomethane	1.491	94	36916	23.342	ug/L	99
8) Chloroethane	1.545	64	24707	15.014	ug/L	100
9) Trichlorofluoromethane	1.693	101	180296	48.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	104179	47.415	ug/L	99
12) 1,1-Dichloroethene	2.085	96	97865	47.317	ug/L #	80
13) Acetone	2.175	43	121613m	85.231	ug/L	
14) Carbon disulfide	2.262	76	265817	42.593	ug/L	99
15) Methyl Acetate	2.429	43	140868	50.696	ug/L	100
16) Methylene chloride	2.491	84	134685	48.604	ug/L	99
17) trans-1,2-Dichloroethene	2.741	96	119446	47.764	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	387984	48.823	ug/L	99
19) 1,1-Dichloroethane	3.175	63	215460	48.375	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	135064	48.526	ug/L	98
22) 2-Butanone	3.973	43	193607	96.529	ug/L	100
23) Bromochloromethane	4.240	128	71845	48.469	ug/L	97
25) Chloroform	4.372	83	232971	49.412	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	160489	50.780	ug/L	98
29) Cyclohexane	4.664	56	173433	44.017	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	194994	46.548	ug/L	99
31) Carbon tetrachloride	4.818	117	161302	44.818	ug/L	100
33) Benzene	5.092	78	489427	47.727	ug/L	100
34) Trichloroethene	5.912	95	130892	45.061	ug/L	99
35) Methylcyclohexane	6.127	83	186047	43.812	ug/L	100
37) 1,2-Dichloropropane	6.172	63	127539	47.979	ug/L	98
38) Bromodichloromethane	6.513	83	159354	46.877	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	196450	47.867	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	385664	107.017	ug/L	100
42) Toluene	7.387	91	532617	48.123	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	185181	48.480	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	134985	49.907	ug/L	99
46) Tetrachloroethene	7.976	164	103001	45.603	ug/L	99
48) 2-Hexanone	8.153	43	301827	107.944	ug/L	99
49) Dibromochloromethane	8.249	129	140519	48.536	ug/L	99
50) 1,2-Dibromoethane	8.355	107	142339	49.035	ug/L	100
51) Chlorobenzene	8.883	112	363592	48.861	ug/L	99
52) Ethylbenzene	9.014	91	577048	48.163	ug/L	99
53) m,p-Xylene	9.140	106	224805	48.274	ug/L	100
54) o-Xylene	9.545	106	224506	48.724	ug/L	99
55) Styrene	9.564	104	403334	51.292	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	223760	57.099	ug/L	100
59) Bromoform	9.738	173	103209	46.256	ug/L	98
60) Isopropylbenzene	9.934	105	597528	45.266	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	175652	48.243	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	506713	45.723	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	534859	47.483	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	310645	46.350	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	319543	46.593	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	315108	47.350	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	41539	47.338	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	227019	45.299	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	193258	43.837	ug/L	100
71) Naphthalene	13.506	128	578665	45.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	190301	44.256	ug/L	99

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

