

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021822.D
 Acq On : 17 Aug 2021 18:35
 Operator : SY/MD
 Sample : M3365-15MS
 Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKCOMS

Quant Time: Aug 18 02:11:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	437415	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	420103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	231993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	117370	34.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.640%
7) Chloroethane-d5	1.529	69	26165	10.140	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.280%#
11) 1,1-Dichloroethene-d2	2.076	63	187635	34.471	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.940%
21) 2-Butanone-d5	3.892	46	206021	96.871	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.870%
24) Chloroform-d	4.343	84	254439	42.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.900%
26) 1,2-Dichloroethane-d4	5.027	65	152375	44.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	5.040	84	482960	39.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.960%
36) 1,2-Dichloropropane-d6	6.069	67	160072	42.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.100%
41) Toluene-d8	7.317	98	434330	38.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.800%#
43) trans-1,3-Dichloroprop...	7.625	79	79742	43.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.140%
47) 2-Hexanone-d5	8.104	63	150178	121.798	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.800%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	255195	54.739	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.480%
66) 1,2-Dichlorobenzene-d4	11.628	152	213880	44.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	150296	44.413	ug/L	100
3) Chloromethane	1.233	50	163882	46.632	ug/L	100
5) Vinyl chloride	1.304	62	169224	48.900	ug/L	99
6) Bromomethane	1.491	94	41995	20.190	ug/L	98
8) Chloroethane	1.545	64	24976	12.078	ug/L	100
9) Trichlorofluoromethane	1.690	101	198795	41.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	120457	44.373	ug/L	98
12) 1,1-Dichloroethene	2.082	96	117914	45.602	ug/L	89
13) Acetone	2.175	43	139544	79.742	ug/L #	100
14) Carbon disulfide	2.259	76	402395	46.252	ug/L	99
15) Methyl Acetate	2.433	43	171621	53.384	ug/L	97
16) Methylene chloride	2.491	84	170907	47.519	ug/L	98
17) trans-1,2-Dichloroethene	2.741	96	151325	49.874	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	482689	51.728	ug/L	99
19) 1,1-Dichloroethane	3.175	63	270227	50.033	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	168328	47.910	ug/L	98
22) 2-Butanone	3.976	43	215640	84.615	ug/L	100
23) Bromochloromethane	4.240	128	89015	47.753	ug/L	98
25) Chloroform	4.372	83	277028	47.669	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	197423	48.215	ug/L	100
29) Cyclohexane	4.664	56	241483	46.673	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	243413	46.304	ug/L	99
31) Carbon tetrachloride	4.818	117	210991	46.386	ug/L	99
33) Benzene	5.092	78	616448	47.684	ug/L	100
34) Trichloroethene	5.908	95	163100	43.902	ug/L	97
35) Methylcyclohexane	6.124	83	251518	46.406	ug/L	99
37) 1,2-Dichloropropane	6.172	63	153812	46.987	ug/L	99
38) Bromodichloromethane	6.513	83	204438	47.384	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	253163	48.841	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	481763	106.990	ug/L	100
42) Toluene	7.387	91	669798	48.510	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	241053	49.347	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	164449	50.149	ug/L	99
46) Tetrachloroethene	7.976	164	129453	46.887	ug/L	98
48) 2-Hexanone	8.156	43	369837	106.032	ug/L	97
49) Dibromochloromethane	8.249	129	178464	49.291	ug/L	99
50) 1,2-Dibromoethane	8.355	107	178250	49.950	ug/L	100
51) Chlorobenzene	8.883	112	443826	49.232	ug/L	99
52) Ethylbenzene	9.014	91	725755	49.269	ug/L	100
53) m,p-Xylene	9.140	106	284939	49.911	ug/L	99
54) o-Xylene	9.545	106	283036	50.016	ug/L	100
55) Styrene	9.564	104	493483	52.076	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	262138	57.423	ug/L	100
59) Bromoform	9.738	173	131701	47.755	ug/L	99
60) Isopropylbenzene	9.934	105	744058	47.839	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	211455	49.322	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	639952	49.031	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	663322	49.983	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	362407	48.115	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	365778	48.651	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	374639	49.306	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	52251	50.127	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	264804	48.501	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	217376	47.472	ug/L	99
71) Naphthalene	13.506	128	684329	51.449	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	215967	46.949	ug/L	99

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

