

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110321\
 Data File : VW023191.D
 Acq On : 03 Nov 2021 16:57
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

11/10/2021
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Nov 08 21:13:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243430	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	239040	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	127402	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	64901	38.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.380%
7) Chloroethane-d5	1.567	69	57100	43.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.280%
11) 1,1-Dichloroethene-d2	2.108	63	102652	32.302	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.600%
21) 2-Butanone-d5	3.879	46	131535	104.649	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.650%
24) Chloroform-d	4.352	84	165763	46.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	5.034	65	108657	52.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.080%
32) Benzene-d6	5.050	84	321965	49.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
36) 1,2-Dichloropropane-d6	6.072	67	103959	49.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.740%
41) Toluene-d8	7.316	98	289846	48.516	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.040%
43) trans-1,3-Dichloroprop...	7.622	79	48484	48.527	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.060%
47) 2-Hexanone-d5	8.088	63	94084	103.917	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	147894	48.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	11.625	152	126850	51.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	6012	2.598	ug/L	93
3) Chloromethane	1.240	50	5513	2.526	ug/L	99
5) Vinyl chloride	1.310	62	5709	2.618	ug/L	85
6) Bromomethane	1.522	94	3411	2.784	ug/L	98
8) Chloroethane	1.584	64	3316	2.497	ug/L	92
9) Trichlorofluoromethane	1.754	101	8931	2.698	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5461	3.108	ug/L	88
12) 1,1-Dichloroethene	2.117	96	4760	2.919	ug/L #	1
13) Acetone	2.172	43	6933	5.565	ug/L #	76
14) Carbon disulfide	2.297	76	13040	2.674	ug/L	96
15) Methyl Acetate	2.436	43	5236	2.532	ug/L #	57
16) Methylene chloride	2.510	84	5955	2.851	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	4907	2.637	ug/L	89
18) Methyl tert-butyl Ether	2.770	73	14507	2.596	ug/L	98
19) 1,1-Dichloroethane	3.194	63	8976	2.589	ug/L	96
20) cis-1,2-Dichloroethene	3.915	96	5299m	2.664	ug/L	
22) 2-Butanone	3.995	43	10371m	7.304	ug/L	
23) Bromochloromethane	4.255	128	3358	2.996	ug/L #	83
25) Chloroform	4.384	83	11063	3.103	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.143	62	7429	2.776	ug/L	#	88
29) Cyclohexane	4.680	56	6774	2.428	ug/L		99
30) 1,1,1-Trichloroethane	4.612	97	8307	2.608	ug/L		96
31) Carbon tetrachloride	4.834	117	7434	2.597	ug/L		99
33) Benzene	5.104	78	20795	2.793	ug/L		100
34) Trichloroethene	5.924	95	5290	2.719	ug/L		94
35) Methylcyclohexane	6.130	83	7478	2.466	ug/L		97
37) 1,2-Dichloropropane	6.181	63	5052	2.582	ug/L	#	94
38) Bromodichloromethane	6.516	83	6943	2.621	ug/L		97
39) cis-1,3-Dichloropropene	7.037	75	7756	2.613	ug/L		99
40) 4-Methyl-2-pentanone	7.233	43	12606	4.994	ug/L		94
42) Toluene	7.394	91	25611	3.214	ug/L		98
44) trans-1,3-Dichloropropene	7.657	75	9722m	3.379	ug/L		
45) 1,1,2-Trichloroethane	7.844	97	5491	2.748	ug/L		97
46) Tetrachloroethene	7.979	164	4611	2.749	ug/L		95
48) 2-Hexanone	8.149	43	11036	5.507	ug/L		96
49) Dibromochloromethane	8.249	129	6187	2.710	ug/L		98
50) 1,2-Dibromoethane	8.358	107	5865	2.787	ug/L		98
51) Chlorobenzene	8.886	112	14369	2.669	ug/L		99
52) Ethylbenzene	9.017	91	21004	2.477	ug/L		96
53) m,p-Xylene	9.143	106	7799	2.386	ug/L		91
54) o-Xylene	9.545	106	7343	2.308	ug/L		98
55) Styrene	9.567	104	11997	2.170	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.242	83	9341	2.931	ug/L	#	92
59) Bromoform	9.734	173	4242	2.632	ug/L	#	95
60) Isopropylbenzene	9.934	105	18243	2.241	ug/L		98
61) 1,2,3-Trichloropropane	10.275	75	6566	2.750	ug/L		96
62) 1,3,5-Trimethylbenzene	10.541	105	15392	2.296	ug/L		100
63) 1,2,4-Trimethylbenzene	10.918	105	14843	2.206	ug/L		95
64) 1,3-Dichlorobenzene	11.184	146	10914	2.652	ug/L		96
65) 1,4-Dichlorobenzene	11.275	146	11970	2.793	ug/L		97
67) 1,2-Dichlorobenzene	11.644	146	11777	2.831	ug/L	#	93
68) 1,2-Dibromo-3-chloropr...	12.432	75	2016	3.025	ug/L		82
69) 1,3,5-Trichlorobenzene	12.647	180	8007	2.573	ug/L		99
70) 1,2,4-trichlorobenzene	13.265	180	7275	2.697	ug/L		94
71) Naphthalene	13.506	128	19985	2.308	ug/L		99
72) 1,2,3-Trichlorobenzene	13.747	180	7041	2.470	ug/L		98

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

