

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110321\
 Data File : VW023190.D
 Acq On : 03 Nov 2021 16:33
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/10/2021

Quant Time: Nov 03 16:55:37 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	243424	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	244853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68027	40.550	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.100%
7) Chloroethane-d5	1.568	69	57684	44.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.160%
11) 1,1-Dichloroethene-d2	2.108	63	104802	32.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.960%
21) 2-Butanone-d5	3.879	46	132469	105.395	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.390%
24) Chloroform-d	4.349	84	171174	48.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.060%
26) 1,2-Dichloroethane-d4	5.031	65	110345	52.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.700%
32) Benzene-d6	5.050	84	325068	48.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	6.069	67	103905	48.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	7.317	98	291574	47.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
43) trans-1,3-Dichloroprop...	7.622	79	49667	48.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.060%
47) 2-Hexanone-d5	8.088	63	94625	102.033	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	149012	47.748	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.500%
66) 1,2-Dichlorobenzene-d4	11.625	152	127269	51.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	6121	2.645	ug/L	97
3) Chloromethane	1.240	50	5885	2.696	ug/L	98
5) Vinyl chloride	1.310	62	5768	2.645	ug/L #	74
6) Bromomethane	1.523	94	3451	2.817	ug/L	96
8) Chloroethane	1.584	64	3286	2.475	ug/L	100
9) Trichlorofluoromethane	1.754	101	8688	2.625	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5118	2.913	ug/L	94
12) 1,1-Dichloroethene	2.121	96	5149	3.158	ug/L #	1
13) Acetone	2.172	43	7388	5.930	ug/L #	74
14) Carbon disulfide	2.294	76	12988	2.664	ug/L	99
15) Methyl Acetate	2.439	43	5873	2.840	ug/L #	85
16) Methylene chloride	2.510	84	6052	2.897	ug/L	90
17) trans-1,2-Dichloroethene	2.764	96	4902	2.634	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	14783	2.645	ug/L	97
19) 1,1-Dichloroethane	3.195	63	9306	2.684	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	5628	2.829	ug/L	100
22) 2-Butanone	3.992	43	9875m	6.955	ug/L	
23) Bromochloromethane	4.262	128	3265	2.913	ug/L	93
25) Chloroform	4.378	83	11047	3.098	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	6874	2.568	ug/L	99
29) Cyclohexane	4.683	56	6582	2.303	ug/L	91
30) 1,1,1-Trichloroethane	4.616	97	9082	2.784	ug/L	97
31) Carbon tetrachloride	4.831	117	7741	2.640	ug/L	98
33) Benzene	5.108	78	21370	2.802	ug/L	100
34) Trichloroethene	5.924	95	5183	2.600	ug/L	94
35) Methylcyclohexane	6.130	83	7504	2.416	ug/L	96
37) 1,2-Dichloropropane	6.175	63	4461	2.225	ug/L #	95
38) Bromodichloromethane	6.516	83	6809	2.510	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	6603	2.172	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	12391	4.793	ug/L	96
42) Toluene	7.394	91	26062	3.192	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	10054m	3.411	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	5279	2.579	ug/L	99
46) Tetrachloroethene	7.982	164	4559	2.653	ug/L	95
48) 2-Hexanone	8.146	43	11432	5.569	ug/L	94
49) Dibromochloromethane	8.252	129	6427	2.748	ug/L	90
50) 1,2-Dibromoethane	8.358	107	5488	2.546	ug/L	96
51) Chlorobenzene	8.889	112	14137	2.564	ug/L	98
52) Ethylbenzene	9.018	91	21549	2.481	ug/L	97
53) m,p-Xylene	9.146	106	8246	2.463	ug/L	92
54) o-Xylene	9.545	106	7439	2.283	ug/L	89
55) Styrene	9.567	104	12492	2.205	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	9371	2.871	ug/L #	96
59) Bromoform	9.735	173	4456	2.774	ug/L	93
60) Isopropylbenzene	9.934	105	19051	2.348	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	6550	2.752	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	15410	2.306	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	15773	2.351	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	11011	2.685	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	12021	2.814	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	12284	2.962	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	1769	2.663	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	8260	2.663	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6878	2.558	ug/L	99
71) Naphthalene	13.506	128	19261	2.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	7347	2.585	ug/L	94

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

