

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029426.D
 Acq On : 07 Dec 2022 18:44
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 01:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	502911	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	453543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	235818	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137187	44.547	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.100%	
7) Chloroethane-d5	1.561	69	107591	45.817	ug/L	0.01
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.640%	
11) 1,1-Dichloroethene-d2	2.105	63	167166	34.802	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.600%	
21) 2-Butanone-d5	3.867	46	198685	105.760	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.760%	
24) Chloroform-d	4.339	84	261246	45.079	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.160%	
26) 1,2-Dichloroethane-d4	5.024	65	159353	48.145	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.280%	
32) Benzene-d6	5.043	84	574978	47.978	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.960%	
36) 1,2-Dichloropropane-d6	6.063	67	175798	48.024	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.040%	
41) Toluene-d8	7.307	98	526723	46.647	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.300%	
43) trans-1,3-Dichloroprop...	7.612	79	84346	45.630	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.260%	
47) 2-Hexanone-d5	8.082	63	167267	107.006	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	107.010%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	250809	47.947	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.900%	
66) 1,2-Dichlorobenzene-d4	11.612	152	214715	47.831	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	9097	2.296	ug/L	97
3) Chloromethane	1.240	50	10538	2.333	ug/L	100
5) Vinyl chloride	1.307	62	8719	2.307	ug/L #	65
6) Bromomethane	1.516	94	4223	2.777	ug/L	94
8) Chloroethane	1.581	64	4689	2.228	ug/L	89
9) Trichlorofluoromethane	1.751	101	9946	2.103	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7644	2.908	ug/L #	81
12) 1,1-Dichloroethene	2.114	96	7006	2.606	ug/L #	1
13) Acetone	2.156	43	5850	4.780	ug/L	99
14) Carbon disulfide	2.291	76	19557	2.186	ug/L	96
15) Methyl Acetate	2.429	43	6053	2.171	ug/L	98
16) Methylene chloride	2.503	84	9444	2.826	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	6638	2.143	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	20624	2.173	ug/L	97
19) 1,1-Dichloroethane	3.185	63	11688	2.203	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	7502	2.203	ug/L	90
22) 2-Butanone	3.992	43	9323m	4.788	ug/L	
23) Bromochloromethane	4.252	128	3811m	2.173	ug/L	
25) Chloroform	4.368	83	12504	2.273	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	9002	2.317	ug/L	99
29) Cyclohexane	4.667	56	11001	2.239	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	11018	2.230	ug/L	97
31) Carbon tetrachloride	4.822	117	9182	2.128	ug/L	97
33) Benzene	5.098	78	28010	2.191	ug/L	100
34) Trichloroethene	5.912	95	7118	2.222	ug/L	99
35) Methylcyclohexane	6.124	83	12606	2.317	ug/L	94
37) 1,2-Dichloropropane	6.169	63	6496	2.105	ug/L	97
38) Bromodichloromethane	6.510	83	9048	2.124	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	10810m	2.130	ug/L	
40) 4-Methyl-2-pentanone	7.227	43	16635	4.522	ug/L	97
42) Toluene	7.384	91	29850	2.169	ug/L	97
44) trans-1,3-Dichloropropene	7.645	75	10896m	2.267	ug/L	
45) 1,1,2-Trichloroethane	7.834	97	7059	2.214	ug/L	99
46) Tetrachloroethene	7.969	164	5738	2.228	ug/L	91
48) 2-Hexanone	8.140	43	17772m	6.323	ug/L	
49) Dibromochloromethane	8.239	129	7512	2.134	ug/L	98
50) 1,2-Dibromoethane	8.349	107	7274	2.215	ug/L #	98
51) Chlorobenzene	8.873	112	19048	2.186	ug/L	97
52) Ethylbenzene	9.005	91	31258	2.161	ug/L	97
53) m,p-Xylene	9.130	106	12041	2.103	ug/L	90
54) o-Xylene	9.535	106	12096	2.136	ug/L	100
55) Styrene	9.555	104	20261	2.059	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	11891	2.332	ug/L #	96
59) Bromoform	9.725	173	5725	2.198	ug/L	98
60) Isopropylbenzene	9.921	105	30498	2.203	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	8943	2.457	ug/L	94
62) 1,3,5-Trimethylbenzene	10.529	105	26710	2.182	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	26085	2.150	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	15229	2.250	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	15919	2.314	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	15834	2.287	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.416	75	2851	2.520	ug/L	92
69) 1,3,5-Trichlorobenzene	12.635	180	12117	2.249	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	10565	2.205	ug/L	96
71) Naphthalene	13.496	128	26599m	2.448	ug/L	
72) 1,2,3-Trichlorobenzene	13.731	180	10605	2.260	ug/L	98

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

