

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111622\
 Data File : VU051877.D
 Acq On : 16 Nov 2022 12:18
 Operator : JC/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 01:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 17 01:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	516576	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	499823	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111679	44.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.080%		
7) Chloroethane-d5	1.906	69	119240	46.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.860%		
11) 1,1-Dichloroethene-d2	2.562	63	141513	31.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.240%		
21) 2-Butanone-d5	4.617	46	275990	95.705	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.700%		
24) Chloroform-d	5.060	84	286507	45.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
26) 1,2-Dichloroethane-d4	5.700	65	180968	46.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
32) Benzene-d6	5.726	84	510975	49.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.060%		
36) 1,2-Dichloropropane-d6	6.687	67	193276	49.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.640%		
41) Toluene-d8	7.896	98	392325	45.864	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.720%		
43) trans-1,3-Dichloroprop...	8.176	79	69617	45.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.120%		
47) 2-Hexanone-d5	8.629	63	186749	94.724	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.720%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	340263	45.068	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.140%		
66) 1,2-Dichlorobenzene-d4	12.192	152	181243	51.990	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6735	2.124	ug/L	99
3) Chloromethane	1.523	50	12092	2.871	ug/L	98
5) Vinyl chloride	1.604	62	10316	2.361	ug/L #	8
6) Bromomethane	1.842	94	4744	2.507	ug/L	83
8) Chloroethane	1.925	64	5548	1.953	ug/L	97
9) Trichlorofluoromethane	2.134	101	11276	2.156	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	8597	2.608	ug/L	88
12) 1,1-Dichloroethene	2.575	96	8079	2.624	ug/L #	1
13) Acetone	2.626	43	12184	3.949	ug/L	95
14) Carbon disulfide	2.790	76	18737	2.197	ug/L	97
15) Methyl Acetate	2.951	43	9120m	2.168	ug/L	
16) Methylene chloride	3.044	84	12128	2.468	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	7144	2.153	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	21434	2.087	ug/L	97
19) 1,1-Dichloroethane	3.867	63	14363	2.127	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	8135	2.101	ug/L	96
22) 2-Butanone	4.713	43	15558m	4.465	ug/L	
23) Bromochloromethane	4.973	128	4292	2.009	ug/L	92
27) 1,2-Dichloroethane	5.793	62	11626	2.233	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.388	56	8770	2.057	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	11616	2.299	ug/L	98
31) Carbon tetrachloride	5.520	117	10205	2.416	ug/L	99
33) Benzene	5.774	78	33511	2.331	ug/L	100
35) Methylcyclohexane	6.761	83	9597	2.078	ug/L	98
37) 1,2-Dichloropropane	6.790	63	9641	2.368	ug/L #	97
38) Bromodichloromethane	7.108	83	11591	2.276	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	11237	2.110	ug/L	95
40) 4-Methyl-2-pentanone	7.790	43	19977	3.726	ug/L	98
42) Toluene	7.970	91	32341	2.187	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	11676	2.288	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	8805	2.128	ug/L	96
46) Tetrachloroethene	8.552	164	6269	2.305	ug/L	94
49) Dibromochloromethane	8.806	129	8898	2.086	ug/L	98
50) 1,2-Dibromoethane	8.922	107	9727	2.336	ug/L	90
51) Chlorobenzene	9.446	112	21697	2.147	ug/L	97
52) Ethylbenzene	9.571	91	29179	1.928	ug/L	97
53) m,p-Xylene	9.690	106	10759	1.837	ug/L	78
54) o-Xylene	10.099	106	10944	1.836	ug/L	89
55) Styrene	10.115	104	15539	1.510	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	16863	2.157	ug/L #	98
59) Bromoform	10.288	173	6349	2.364	ug/L	96
60) 1,2,3-Trichloropropane	10.819	75	12360	2.608	ug/L	98
61) Isopropylbenzene	10.481	105	23030	1.989	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	17651	1.871	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	14868	1.613	ug/L	90
64) 1,3-Dichlorobenzene	11.745	146	12812	2.183	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	12755	2.146	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	16186	2.594	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.996	75	2933	2.417	ug/L	99
69) 1,3,5-Trichlorobenzene	13.218	180	8825	2.267	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	6004	1.946	ug/L	97
71) Naphthalene	14.089	128	16510	1.627	ug/L #	91

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

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