

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110722\
 Data File : VU051771.D
 Acq On : 07 Nov 2022 16:25
 Operator : JC/MD
 Sample : N4519-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08

Quant Time: Nov 08 00:49:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 08 00:38:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	510084	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	504483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	231592	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	201456	49.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.540%		
7) Chloroethane-d5	1.912	69	176759	53.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.020%		
11) 1,1-Dichloroethene-d2	2.565	63	266478	38.677	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.360%		
21) 2-Butanone-d5	4.620	46	280058	98.160	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.160%		
24) Chloroform-d	5.060	84	368624	49.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.180%		
26) 1,2-Dichloroethane-d4	5.700	65	227807	49.291	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.580%		
32) Benzene-d6	5.726	84	774296	56.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.360%		
36) 1,2-Dichloropropane-d6	6.690	67	249329	55.575	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.140%		
41) Toluene-d8	7.896	98	669675	53.778	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.560%		
43) trans-1,3-Dichloroprop...	8.179	79	98573	51.601	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.200%		
47) 2-Hexanone-d5	8.632	63	206025	104.555	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.550%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	369117	47.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.720%		
66) 1,2-Dichlorobenzene-d4	12.192	152	248412	57.299	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	8686	1.948	ug/L	99
3) Chloromethane	1.523	50	10456	1.835	ug/L	90
5) Vinyl chloride	1.601	62	12789	2.268	ug/L #	1
6) Bromomethane	1.855	94	6604	2.253	ug/L	97
8) Chloroethane	1.932	64	8165	2.423	ug/L	85
9) Trichlorofluoromethane	2.137	101	15145	2.321	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	11566	2.900	ug/L #	84
12) 1,1-Dichloroethene	2.578	96	10586	2.800	ug/L #	1
13) Acetone	2.626	43	16598	5.105	ug/L	98
14) Carbon disulfide	2.790	76	26528	2.155	ug/L	100
15) Methyl Acetate	2.951	43	10738	2.184	ug/L	99
16) Methylene chloride	3.044	84	13456	2.712	ug/L	90
17) trans-1,2-Dichloroethene	3.353	96	9070	2.333	ug/L	93
18) Methyl tert-butyl Ether	3.363	73	25146	2.262	ug/L	98
19) 1,1-Dichloroethane	3.871	63	17838	2.326	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	10321	2.433	ug/L	95
22) 2-Butanone	4.713	43	17693m	4.689	ug/L	
23) Bromochloromethane	4.973	128	5539	2.328	ug/L	91
27) 1,2-Dichloroethane	5.797	62	13666	2.226	ug/L #	89

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29) Cyclohexane	5.385	56	11162	2.106	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	13606	2.274	ug/L	95
31) Carbon tetrachloride	5.523	117	11583	2.293	ug/L	94
33) Benzene	5.774	78	40294	2.443	ug/L	100
35) Methylcyclohexane	6.761	83	13339	2.343	ug/L	97
37) 1,2-Dichloropropane	6.790	63	11348	2.509	ug/L	99
38) Bromodichloromethane	7.105	83	13016	2.261	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	14083	2.362	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	25165	4.164	ug/L	99
42) Toluene	7.967	91	42674	2.522	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	14002	2.413	ug/L	92
45) 1,1,2-Trichloroethane	8.398	97	10873	2.409	ug/L	99
46) Tetrachloroethene	8.552	164	7687	2.588	ug/L	95
49) Dibromochloromethane	8.809	129	10658	2.307	ug/L	98
50) 1,2-Dibromoethane	8.925	107	11244	2.431	ug/L #	97
51) Chlorobenzene	9.446	112	27532	2.484	ug/L	99
52) Ethylbenzene	9.568	91	37598	2.203	ug/L	98
53) m,p-Xylene	9.690	106	13748	2.090	ug/L	99
54) o-Xylene	10.099	106	12849	1.969	ug/L	98
55) Styrene	10.115	104	19512	1.721	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	20947	2.432	ug/L	100
59) Bromoform	10.291	173	7536	2.336	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	14670	2.444	ug/L	98
61) Isopropylbenzene	10.481	105	31017	2.133	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	23915	1.936	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	21898	1.800	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	18001	2.425	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	19226	2.518	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	21297	2.754	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	3724	2.299	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	12958	2.602	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	11059	2.884	ug/L	97
71) Naphthalene	14.086	128	28243	2.301	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	10651	2.588	ug/L	93

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

