

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101022\
 Data File : VW028494.D
 Acq On : 10 Oct 2022 11:13
 Operator : SY/MD
 Sample : N4519-05
 Misc : 5.00g/5.0ml/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

Quant Time: Oct 11 04:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 11 02:53:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/11/2022

Supervised By :Mahesh
 Dadoda

10/11/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	324548	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	291081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	147603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128668	51.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.760%			
7) Chloroethane-d5	1.564	69	98253	49.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.960%			
11) 1,1-Dichloroethene-d2	2.105	63	170426	39.987	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.980%			
21) 2-Butanone-d5	3.899	46	191004	87.129	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.130%			
24) Chloroform-d	4.342	84	239397	52.124	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.240%			
26) 1,2-Dichloroethane-d4	5.027	65	161311	54.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.920%			
32) Benzene-d6	5.043	84	508805	54.551	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.100%			
36) 1,2-Dichloropropane-d6	6.063	67	158076	51.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.960%			
41) Toluene-d8	7.310	98	459824	55.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.120%			
43) trans-1,3-Dichloroprop...	7.616	79	82895	53.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.960%			
47) 2-Hexanone-d5	8.085	63	159058	96.149	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.150%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	204124	49.051	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.100%			
66) 1,2-Dichlorobenzene-d4	11.615	152	168327	55.037	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	4552	1.863	ug/L	98
3) Chloromethane	1.240	50	4598	1.671	ug/L	99
5) Vinyl chloride	1.307	62	4714	1.708	ug/L #	33
6) Bromomethane	1.519	94	2787	2.214	ug/L	99
8) Chloroethane	1.584	64	4118m	2.457	ug/L	
9) Trichlorofluoromethane	1.751	101	6022	1.765	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4944	2.557	ug/L #	79
12) 1,1-Dichloroethene	2.114	96	4673	2.462	ug/L #	1
13) Acetone	2.195	43	6892m	4.058	ug/L	
14) Carbon disulfide	2.291	76	12050	1.985	ug/L	98
15) Methyl Acetate	2.432	43	5031m	1.755	ug/L	
17) trans-1,2-Dichloroethene	2.757	96	4132	1.866	ug/L	90
18) Methyl tert-butyl Ether	2.770	73	14991	1.842	ug/L	96
19) 1,1-Dichloroethane	3.188	63	7832	1.732	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	4953	1.964	ug/L	98
22) 2-Butanone	4.002	43	8854m	3.955	ug/L	
23) Bromochloromethane	4.252	128	2060	1.680	ug/L	93
27) 1,2-Dichloroethane	5.140	62	6662	1.969	ug/L	96
29) Cyclohexane	4.674	56	7088	1.693	ug/L	96

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30) 1,1,1-Trichloroethane	4.603	97	7358	1.957	ug/L	98
31) Carbon tetrachloride	4.825	117	6414	2.038	ug/L	94
33) Benzene	5.098	78	17480m	1.826	ug/L	
35) Methylcyclohexane	6.124	83	7113	1.723	ug/L	97
37) 1,2-Dichloropropane	6.175	63	4934m	1.922	ug/L	
38) Bromodichloromethane	6.509	83	6030	1.803	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	7070	1.732	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	13135	3.001	ug/L	97
42) Toluene	7.390	91	17784	1.802	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	6587	1.681	ug/L	88
45) 1,1,2-Trichloroethane	7.841	97	4094	1.722	ug/L #	79
46) Tetrachloroethene	7.972	164	3120	1.828	ug/L	96
49) Dibromochloromethane	8.246	129	4482	1.754	ug/L	98
50) 1,2-Dibromoethane	8.355	107	4604	1.870	ug/L #	94
51) Chlorobenzene	8.879	112	11886	1.920	ug/L	97
52) Ethylbenzene	9.011	91	19436	1.807	ug/L	93
53) m,p-Xylene	9.140	106	7254	1.779	ug/L	96
54) o-Xylene	9.542	106	7419	1.818	ug/L	98
55) Styrene	9.561	104	11802	1.684	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.233	83	7954	1.954	ug/L #	82
59) Bromoform	9.728	173	3108	1.700	ug/L #	91
60) Isopropylbenzene	9.927	105	19230	1.808	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	5728	1.823	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	16675	1.810	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	16059	1.756	ug/L	94
64) 1,3-Dichlorobenzene	11.178	146	8189	1.760	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	8663	1.866	ug/L	92
67) 1,2-Dichlorobenzene	11.635	146	8633	1.839	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	1546	1.608	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.638	180	5904	1.671	ug/L	92
70) 1,2,4-trichlorobenzene	13.255	180	4733	1.520	ug/L	97
71) Naphthalene	13.496	128	17246	1.780	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	5138	1.692	ug/L	97

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

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