

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026951.D
 Acq On : 26 Jul 2022 14:52
 Operator : SY/MD
 Sample : N3670-06
 Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2022-04

Quant Time: Jul 27 01:53:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	460376	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	472509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	209842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	201084	52.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 104.160%	
7) Chloroethane-d5	1.565	69	170716	54.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.300%	
11) 1,1-Dichloroethene-d2	2.101	63	277189	39.903	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.800%	
21) 2-Butanone-d5	3.883	46	275604	105.894	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.890%	
24) Chloroform-d	4.339	84	391213	51.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.960%	
26) 1,2-Dichloroethane-d4	5.024	65	234688	53.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.980%	
32) Benzene-d6	5.040	84	777702	54.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.900%	
36) 1,2-Dichloropropane-d6	6.063	67	254886	55.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.760%	
41) Toluene-d8	7.310	98	648982	51.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.860%	
43) trans-1,3-Dichloroprop...	7.619	79	99746	51.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.440%	
47) 2-Hexanone-d5	8.085	63	186382	92.997	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 93.000%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	361556	51.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 103.420%	
66) 1,2-Dichlorobenzene-d4	11.622	152	245338	62.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 124.640%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8930	1.878	ug/L	99
3) Chloromethane	1.237	50	9124	2.051	ug/L	94
5) Vinyl chloride	1.307	62	9151	1.936	ug/L #	57
6) Bromomethane	1.520	94	6533	2.287	ug/L	96
8) Chloroethane	1.581	64	5828	2.098	ug/L	93
9) Trichlorofluoromethane	1.748	101	13288	2.039	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	10254	2.691	ug/L	89
12) 1,1-Dichloroethene	2.111	96	9031	2.537	ug/L #	1
13) Acetone	2.179	43	12948m	7.085	ug/L	
14) Carbon disulfide	2.288	76	19729	1.943	ug/L	99
15) Methyl Acetate	2.436	43	8469m	2.101	ug/L	
16) Methylene chloride	2.500	84	16675	3.675	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	7161	1.904	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	19286	1.846	ug/L	98
19) 1,1-Dichloroethane	3.185	63	12883	1.860	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	7784	1.964	ug/L	96
22) 2-Butanone	3.992	43	11712m	4.699	ug/L	
23) Bromochloromethane	4.246	128	4582	2.019	ug/L	96
27) 1,2-Dichloroethane	5.140	62	10991m	2.108	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) Cyclohexane	4.674	56	8531	1.727	ug/L	#	93
30) 1,1,1-Trichloroethane	4.600	97	12398	1.986	ug/L	#	85
31) Carbon tetrachloride	4.818	117	10169	1.860	ug/L		95
33) Benzene	5.098	78	30191m	1.987	ug/L		
35) Methylcyclohexane	6.124	83	10035	1.736	ug/L		94
37) 1,2-Dichloropropane	6.175	63	8153m	2.062	ug/L		
38) Bromodichloromethane	6.510	83	10409	1.942	ug/L		98
39) cis-1,3-Dichloropropene	7.034	75	9994m	1.821	ug/L		
40) 4-Methyl-2-pentanone	7.230	43	13941	2.962	ug/L		96
42) Toluene	7.391	91	28677	1.849	ug/L		93
44) trans-1,3-Dichloropropene	7.651	75	10589m	1.956	ug/L		
45) 1,1,2-Trichloroethane	7.844	97	7911	1.878	ug/L		96
46) Tetrachloroethene	7.976	164	5853	1.922	ug/L		96
49) Dibromochloromethane	8.246	129	8246	1.873	ug/L		100
50) 1,2-Dibromoethane	8.355	107	8259	1.917	ug/L		96
51) Chlorobenzene	8.879	112	20339	1.881	ug/L		98
52) Ethylbenzene	9.014	91	25739	1.599	ug/L		96
53) m,p-Xylene	9.143	106	9704	1.539	ug/L		99
54) o-Xylene	9.545	106	9233	1.521	ug/L		99
55) Styrene	9.567	104	14627	1.364	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.239	83	14070	2.070	ug/L	#	96
59) Bromoform	9.731	173	4921	2.099	ug/L	#	94
60) Isopropylbenzene	9.931	105	22916	1.848	ug/L		98
61) 1,2,3-Trichloropropane	10.272	75	9921	2.356	ug/L		95
62) 1,3,5-Trimethylbenzene	10.538	105	17795	1.766	ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	16300	1.612	ug/L		99
64) 1,3-Dichlorobenzene	11.185	146	12712	2.006	ug/L		95
65) 1,4-Dichlorobenzene	11.272	146	13771	2.051	ug/L		96
67) 1,2-Dichlorobenzene	11.641	146	15135	2.328	ug/L	#	94
68) 1,2-Dibromo-3-chloropr...	12.432	75	2195	1.951	ug/L		87
69) 1,3,5-Trichlorobenzene	12.648	180	8432	1.880	ug/L		95
70) 1,2,4-trichlorobenzene	13.262	180	6302	1.668	ug/L		98
71) Naphthalene	13.506	128	17143	1.442	ug/L		98
72) 1,2,3-Trichlorobenzene	13.744	180	6979	1.770	ug/L		97

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

