

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101122\
 Data File : VW028515.D
 Acq On : 11 Oct 2022 11:54
 Operator : SY/MD
 Sample : N4519-06
 Misc : 5.00g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 12 00:39:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/12/2022

Supervised By :Mahesh
 Dadoda

10/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	283666	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	257432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	131567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98320	44.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.840%
7) Chloroethane-d5	1.564	69	73587	42.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.101	63	130967	35.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.320%
21) 2-Butanone-d5	3.889	46	122111	63.730	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.730%
24) Chloroform-d	4.342	84	199810	49.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.540%
26) 1,2-Dichloroethane-d4	5.027	65	141202	54.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.080%
32) Benzene-d6	5.043	84	417523	50.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
36) 1,2-Dichloropropane-d6	6.066	67	128257	47.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.380%
41) Toluene-d8	7.310	98	382436	51.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	7.616	79	69086	50.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.800%
47) 2-Hexanone-d5	8.085	63	127739	87.310	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.310%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	166002	45.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	139792	51.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	4767	2.232	ug/L	97
3) Chloromethane	1.236	50	4128	1.717	ug/L	93
5) Vinyl chloride	1.307	62	4513	1.870	ug/L #	16
6) Bromomethane	1.519	94	2143	1.948	ug/L	90
8) Chloroethane	1.577	64	3036m	2.073	ug/L	
9) Trichlorofluoromethane	1.751	101	6531	2.190	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4144	2.452	ug/L #	84
12) 1,1-Dichloroethene	2.111	96	4260	2.568	ug/L #	1
13) Acetone	2.182	43	4468m	3.010	ug/L	
14) Carbon disulfide	2.288	76	11469	2.161	ug/L	98
15) Methyl Acetate	2.439	43	4491	1.792	ug/L #	80
17) trans-1,2-Dichloroethene	2.760	96	4097	2.117	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	14792	2.079	ug/L #	93
19) 1,1-Dichloroethane	3.185	63	8034	2.032	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	4516	2.048	ug/L	95
22) 2-Butanone	3.998	43	6753m	3.451	ug/L	
23) Bromochloromethane	4.252	128	2463m	2.299	ug/L	
27) 1,2-Dichloroethane	5.140	62	6333	2.142	ug/L	99
29) Cyclohexane	4.667	56	7136m	1.927	ug/L	

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30) 1,1,1-Trichloroethane	4.600	97	7576	2.278	ug/L	98
31) Carbon tetrachloride	4.821	117	6588	2.366	ug/L	95
33) Benzene	5.101	78	17368	2.051	ug/L	100
35) Methylcyclohexane	6.130	83	7167	1.963	ug/L	96
37) 1,2-Dichloropropane	6.181	63	4490	1.978	ug/L #	92
38) Bromodichloromethane	6.513	83	6201	2.097	ug/L #	90
39) cis-1,3-Dichloropropene	7.034	75	6650m	1.842	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	13147	3.396	ug/L #	95
42) Toluene	7.390	91	18623	2.134	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	7072m	2.041	ug/L	
45) 1,1,2-Trichloroethane	7.837	97	4182	1.989	ug/L	96
46) Tetrachloroethene	7.972	164	3252	2.155	ug/L	93
49) Dibromochloromethane	8.243	129	5058	2.238	ug/L	94
50) 1,2-Dibromoethane	8.349	107	4393	2.018	ug/L #	88
51) Chlorobenzene	8.876	112	11802	2.155	ug/L	98
52) Ethylbenzene	9.011	91	19872	2.089	ug/L	98
53) m,p-Xylene	9.140	106	7511	2.083	ug/L	100
54) o-Xylene	9.538	106	7479	2.072	ug/L	93
55) Styrene	9.564	104	12195	1.967	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	7261	2.017	ug/L #	90
59) Bromoform	9.731	173	3023	1.855	ug/L #	93
60) Isopropylbenzene	9.927	105	20310	2.142	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	5609	2.003	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	16750	2.040	ug/L	96
63) 1,2,4-Trimethylbenzene	10.908	105	16461	2.020	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	8745	2.109	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	9469	2.289	ug/L	94
67) 1,2-Dichlorobenzene	11.635	146	9247	2.209	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	1790	2.088	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.638	180	6339	2.013	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	5050	1.819	ug/L	100
71) Naphthalene	13.496	128	14083	1.631	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	5109	1.888	ug/L	93

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

