

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020323\
 Data File : VX034004.D
 Acq On : 03 Feb 2023 11:05
 Operator : JC/MD
 Sample : 01378-05
 Misc : 5.00g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Quant Time: Feb 04 03:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 04 03:17:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

02/06/2023

Supervised By :Mahesh

Dadoda

02/06/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	224453	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196501	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104119	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	59737	39.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.920%
7) Chloroethane-d5	1.672	69	43451	47.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	2.306	63	94423	34.473	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.940%
21) 2-Butanone-d5	4.452	46	85105	99.301	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.056	84	124173	46.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
26) 1,2-Dichloroethane-d4	5.952	65	77235	47.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	5.970	84	262672	46.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
36) 1,2-Dichloropropane-d6	7.305	67	78603	47.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.400%
41) Toluene-d8	8.647	98	246797	46.188	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	8.952	79	34264	45.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.680%
47) 2-Hexanone-d5	9.384	63	61828	99.006	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102068	48.879	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	102690	49.275	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	4598m	2.754	ug/L	
3) Chloromethane	1.294	50	4117	2.701	ug/L	87
5) Vinyl chloride	1.374	62	4404	2.857	ug/L	# 80
6) Bromomethane	1.617	94	2161	2.704	ug/L	89
8) Chloroethane	1.691	64	2255	2.752	ug/L	99
9) Trichlorofluoromethane	1.892	101	6201	2.839	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	5202	3.443	ug/L	90
12) 1,1-Dichloroethene	2.319	96	4681	3.387	ug/L	# 1
13) Acetone	2.380	43	4893	5.549	ug/L	100
14) Carbon disulfide	2.514	76	9700	2.593	ug/L	98
15) Methyl Acetate	2.703	43	4081	2.905	ug/L	98
16) Methylene chloride	2.788	84	4495	3.072	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	4002	2.805	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	11469	2.761	ug/L	99
19) 1,1-Dichloroethane	3.611	63	6976	2.802	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	4492	2.755	ug/L	95
22) 2-Butanone	4.556	43	6165m	5.627	ug/L	
23) Bromochloromethane	4.897	128	2479	2.770	ug/L	80
27) 1,2-Dichloroethane	6.086	62	5960	3.020	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020323\
 Data File : VX034004.D
 Acq On : 03 Feb 2023 11:05
 Operator : JC/MD
 Sample : 01378-05
 Misc : 5.00g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Quant Time: Feb 04 03:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 04 03:17:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

02/06/2023

Supervised By :Mahesh

Dadoda

02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.464	56	6519	2.712	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	5954	2.681	ug/L	97
31) Carbon tetrachloride	5.678	117	5647	2.733	ug/L	98
33) Benzene	6.037	78	16425	2.811	ug/L	100
34) Trichloroethene	7.123	95	4509	2.847	ug/L	91
35) Methylcyclohexane	7.379	83	6893	2.730	ug/L	95
37) 1,2-Dichloropropane	7.434	63	4310	2.896	ug/L #	87
38) Bromodichloromethane	7.824	83	5013	2.649	ug/L #	98
39) cis-1,3-Dichloropropene	8.366	75	6446	2.822	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	9784	5.342	ug/L	99
42) Toluene	8.720	91	17848	2.855	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	5758	2.833	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	4206	2.792	ug/L	97
46) Tetrachloroethene	9.275	164	4260	2.802	ug/L	96
48) 2-Hexanone	9.433	43	8646	5.924	ug/L	92
49) Dibromochloromethane	9.518	129	4392	2.702	ug/L	95
50) 1,2-Dibromoethane	9.610	107	4576	2.827	ug/L	98
51) Chlorobenzene	10.079	112	12243	2.899	ug/L	95
52) Ethylbenzene	10.195	91	19220	2.798	ug/L	95
53) m,p-Xylene	10.305	106	7376	2.675	ug/L	99
54) o-Xylene	10.640	106	7489	2.811	ug/L	96
55) Styrene	10.659	104	12042	2.695	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	6846	3.232	ug/L	91
59) Bromoform	10.799	173	3223	2.544	ug/L #	98
60) Isopropylbenzene	10.963	105	18798	2.764	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	4768	3.016	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	15363	2.759	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	14520	2.646	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	9645	2.852	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	9965	2.911	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	9751	2.948	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	1045	2.698	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.115	180	7026	2.754	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	6015	2.598	ug/L	98
71) Naphthalene	13.774	128	15976	2.492	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	6130	2.682	ug/L	98

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

