

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
 Data File : VV038416.D
 Acq On : 05 Dec 2024 12:26
 Operator : SY/MD
 Sample : P4776-06
 Misc : 5.00g/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 06 01:43:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	484043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	497440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	218122	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	183962	45.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.960%
7) Chloroethane-d5	1.526	69	155355	45.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.180%
11) 1,1-Dichloroethene-d2	2.050	65	83508	48.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.400%
21) 2-Butanone-d5	3.780	46	246361	127.997	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.000%
24) Chloroform-d	4.239	84	357346	48.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	4.934	65	216575	49.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
32) Benzene-d6	4.950	84	695595	48.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.060%
36) 1,2-Dichloropropane-d6	5.979	67	225130	50.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	7.236	98	579298	44.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.380%
43) trans-1,3-Dichloroprop...	7.548	79	96675	44.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.700%
47) 2-Hexanone-d5	8.017	63	149503	109.851	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.850%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	324619	52.083	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	11.554	152	228611	54.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	9001	2.025	ug/L	98
3) Chloromethane	1.211	50	10039	2.177	ug/L	100
5) Vinyl chloride	1.278	62	10288	2.187	ug/L #	71
6) Bromomethane	1.481	94	5927	2.034	ug/L	91
8) Chloroethane	1.542	64	6697	2.250	ug/L	95
9) Trichlorofluoromethane	1.706	101	13184	2.125	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	9731	2.724	ug/L #	82
12) 1,1-Dichloroethene	2.059	96	9480	2.787	ug/L #	1
13) Acetone	2.108	43	13028	4.908	ug/L	89
14) Carbon disulfide	2.233	76	24486	2.187	ug/L	96
15) Methyl Acetate	2.381	43	8233	2.396	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	7870	2.122	ug/L	84
18) Methyl tert-butyl Ether	2.699	73	20424	1.906	ug/L	99
19) 1,1-Dichloroethane	3.108	63	14649	2.153	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	8277	2.122	ug/L	96
22) 2-Butanone	3.928	43	12108m	4.800	ug/L	
23) Bromochloromethane	4.159	128	4539	2.140	ug/L	90
27) 1,2-Dichloroethane	5.059	62	11951m	2.307	ug/L	
29) Cyclohexane	4.571	56	8822	1.651	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
 Data File : VV038416.D
 Acq On : 05 Dec 2024 12:26
 Operator : SY/MD
 Sample : P4776-06
 Misc : 5.00g/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 06 01:43:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

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

30) 1,1,1-Trichloroethane	4.510	97	12479	1.985	ug/L	94
31) Carbon tetrachloride	4.731	117	11167	2.021	ug/L	99
33) Benzene	5.008	78	30380m	2.023	ug/L	
34) Trichloroethene	5.847	95	8314m	2.073	ug/L	
35) Methylcyclohexane	6.037	83	9816	1.704	ug/L #	76
37) 1,2-Dichloropropane	6.104	63	8376m	2.146	ug/L	
38) Bromodichloromethane	6.439	83	11072	2.043	ug/L	93
39) cis-1,3-Dichloropropene	6.966	75	11978m	1.977	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	15110	3.458	ug/L	98
42) Toluene	7.323	91	30823	1.976	ug/L	94
44) trans-1,3-Dichloropropene	7.590	75	11401m	1.948	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	8361	2.064	ug/L	94
46) Tetrachloroethene	7.905	164	6262m	2.022	ug/L	
48) 2-Hexanone	8.088	43	31663m	8.685	ug/L	
49) Dibromochloromethane	8.172	129	8330	1.994	ug/L	98
50) 1,2-Dibromoethane	8.284	107	8730	2.045	ug/L	85
51) Chlorobenzene	8.812	112	21429	1.999	ug/L	98
52) Ethylbenzene	8.950	91	28291	1.691	ug/L	99
53) m,p-Xylene	9.078	106	8738	1.378	ug/L	99
54) o-Xylene	9.480	106	9321	1.528	ug/L	94
55) Styrene	9.506	104	14121	1.318	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	15120	2.403	ug/L #	97
59) Bromoform	9.667	173	5863	2.500	ug/L	99
60) Isopropylbenzene	9.863	105	23458	1.759	ug/L	96
61) 1,2,3-Trichloropropane	10.204	75	10959	2.886	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	17839	1.667	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	17177	1.633	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	14470	2.113	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	17162	2.358	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	17859	2.559	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	2746	2.744	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	9535	2.042	ug/L	97
70) 1,2,4-trichlorobenzene	13.200	180	7959	2.023	ug/L	95
71) Naphthalene	13.445	128	24326	2.281	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	7870	2.039	ug/L	98

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

