

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019232.D
 Acq On : 03 Nov 2020 14:09
 Operator : JC/MD
 Sample : L4485-19
 Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 MDL-ME-SOIL-05

Quant Time: Nov 04 01:24:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 01:20:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	418319	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	386831	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	184951	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	158034	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.76%
7) Chloroethane-d5	1.70	69	129571	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.90%
11) 1,1-Dichloroethene-d2	2.34	63	216148	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.76%
21) 2-Butanone-d5	4.53	46	208982	113.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.74%
24) Chloroform-d	5.14	84	268628	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	6.03	65	190251	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
32) Benzene-d6	6.05	84	571445	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
36) 1,2-Dichloropropane-d6	7.37	67	175712	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	8.70	98	533146	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%
43) trans-1,3-Dichloropropene-	8.99	79	87049	46.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.58%
47) 2-Hexanone-d5	9.43	63	166414	113.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.62%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	220234	52.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.30%
66) 1,2-Dichlorobenzene-d4	12.36	152	184170	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	5923	2.234 ug/L	100
3) Chloromethane	1.31	50	6530	2.424 ug/L	100
5) Vinyl chloride	1.39	62	7693	2.534 ug/L #	60
6) Bromomethane	1.64	94	5070	2.527 ug/L	97
8) Chloroethane	1.72	64	4722	2.496 ug/L	98
9) Trichlorofluoromethane	1.92	101	10380	2.304 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	7552	2.907 ug/L #	85
12) 1,1-Dichloroethene	2.36	96	7335	2.910 ug/L #	1
13) Acetone	2.43	43	5710	5.029 ug/L	95
14) Carbon disulfide	2.55	76	16207	2.130 ug/L	100
15) Methyl Acetate	2.75	43	6437	2.598 ug/L	99
16) Methylene chloride	2.84	84	6986	2.485 ug/L	96
17) trans-1,2-Dichloroethene	3.15	96	6128	2.261 ug/L	95
18) Methyl tert-butyl Ether	3.17	73	19193	2.240 ug/L	98
19) 1,1-Dichloroethane	3.67	63	10795	2.242 ug/L	91
20) cis-1,2-Dichloroethene	4.56	96	6872	2.309 ug/L	98
22) 2-Butanone	4.64	43	10161	5.667 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019232.D
 Acq On : 03 Nov 2020 14:09
 Operator : JC/MD
 Sample : L4485-19
 Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-ME-SOIL-05

Quant Time: Nov 04 01:24:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 01:20:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	3257	2.173	ug/L	94
25) Chloroform	5.18	83	23979	4.744	ug/L	97
27) 1,2-Dichloroethane	6.17	62	10027	2.519	ug/L	98
29) Cyclohexane	5.56	56	10191	2.289	ug/L	97
30) 1,1,1-Trichloroethane	5.46	97	9946	2.133	ug/L #	83
31) Carbon tetrachloride	5.75	117	8410	2.099	ug/L	97
33) Benzene	6.12	78	25601	2.305	ug/L	100
34) Trichloroethene	7.18	95	6772	2.234	ug/L	98
35) Methylcyclohexane	7.44	83	10584	2.206	ug/L	98
37) 1,2-Dichloropropane	7.49	63	6406	2.322	ug/L	100
38) Bromodichloromethane	7.88	83	7976	2.079	ug/L #	99
39) cis-1,3-Dichloropropene	8.42	75	9712	2.119	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	16436	4.872	ug/L	98
42) Toluene	8.76	91	34813	2.882	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	10182	2.280	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	6308	2.328	ug/L	97
46) Tetrachloroethene	9.32	164	5180	2.265	ug/L	96
48) 2-Hexanone	9.48	43	16572	6.234	ug/L	97
49) Dibromochloromethane	9.56	129	6201	2.092	ug/L	96
50) 1,2-Dibromoethane	9.65	107	6527	2.303	ug/L #	90
51) Chlorobenzene	10.12	112	17731	2.360	ug/L	96
52) Ethylbenzene	10.24	91	29056	2.225	ug/L	98
53) m,p-Xylene	10.34	106	10999	2.242	ug/L	96
54) o-Xylene	10.68	106	10334	2.175	ug/L	98
55) Styrene	10.70	104	16877	2.106	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.25	83	9869	2.657	ug/L #	95
59) Bromoform	10.84	173	3962	1.978	ug/L	97
60) Isopropylbenzene	11.00	105	28040	2.234	ug/L	98
61) 1,2,3-Trichloropropane	11.28	75	7989	2.536	ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	21820	2.113	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	22081	2.261	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	12153	2.243	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	12766	2.322	ug/L	95
67) 1,2-Dichlorobenzene	12.38	146	12462	2.375	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	1762	2.054	ug/L	87
69) 1,3,5-Trichlorobenzene	13.15	180	8376	2.207	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	7389	2.112	ug/L	99
71) Naphthalene	13.82	128	22292	1.971	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	7146	2.088	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
Data File : VX019232.D
Acq On : 03 Nov 2020 14:09
Operator : JC/MD
Sample : L4485-19
Misc : 5.0µL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-ME-SOIL-05

Quant Time: Nov 04 01:24:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 01:20:42 2020
Response via : Initial Calibration

