

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093019\
 Data File : VV013021.D
 Acq On : 30 Sep 2019 17:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02577

Quant Time: Oct 01 05:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 30 15:00:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	748222	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	757752	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	414511	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	239949	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
7) Chloroethane-d5	1.58	69	205285	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.48%
11) 1,1-Dichloroethene-d2	2.13	63	432547	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.88%
21) 2-Butanone-d5	3.95	46	198755	52.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.18%
24) Chloroform-d	4.40	84	482306	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.08	65	277944	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
32) Benzene-d6	5.10	84	973587	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	6.12	67	308827	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.28%
41) Toluene-d8	7.36	98	914982	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.88%
43) trans-1,3-Dichloropropene-	7.66	79	133073	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.80%
47) 2-Hexanone-d5	8.13	63	143584	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	299994	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
66) 1,2-Dichlorobenzene-d4	11.67	152	379629	23.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	239504	29.877 ug/L	99
3) Chloromethane	1.25	50	289251	28.339 ug/L	98
5) Vinyl chloride	1.32	62	283007	26.913 ug/L	99
6) Bromomethane	1.54	94	178131	26.369 ug/L	98
8) Chloroethane	1.60	64	168623	25.370 ug/L	99
9) Trichlorofluoromethane	1.77	101	377555	26.507 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	232882	25.508 ug/L	98
12) 1,1-Dichloroethene	2.14	96	217918	25.413 ug/L	98
13) Acetone	2.21	43	188927	47.427 ug/L	99
14) Carbon disulfide	2.32	76	684094	25.994 ug/L	99
15) Methyl Acetate	2.46	43	166798	27.134 ug/L	100
16) Methylene chloride	2.53	84	300876	24.552 ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	263803	26.097 ug/L	99
18) Methyl tert-butyl Ether	2.80	73	696111	27.376 ug/L	100
19) 1,1-Dichloroethane	3.23	63	490436	26.436 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	298970	26.592 ug/L	96
22) 2-Butanone	4.03	43	231341	52.983 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093019\
 Data File : VV013021.D
 Acq On : 30 Sep 2019 17:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02577

Quant Time: Oct 01 05:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 30 15:00:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	146046	26.497	ug/L	98
25) Chloroform	4.42	83	508982	26.315	ug/L	99
27) 1,2-Dichloroethane	5.18	62	362839	27.289	ug/L	98
29) Cyclohexane	4.72	56	430545	25.809	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	387603	25.043	ug/L	99
31) Carbon tetrachloride	4.87	117	343855	24.679	ug/L	99
33) Benzene	5.14	78	1122298	25.905	ug/L	100
34) Trichloroethene	5.96	95	297273	25.329	ug/L	99
35) Methylcyclohexane	6.17	83	474650	25.767	ug/L	99
37) 1,2-Dichloropropane	6.22	63	299891	26.978	ug/L	99
38) Bromodichloromethane	6.55	83	374190	25.787	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	450054	26.888	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	486576	54.768	ug/L	99
42) Toluene	7.43	91	1219449	26.466	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	369121	26.858	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	246592	26.150	ug/L	99
46) Tetrachloroethene	8.02	164	241571	24.877	ug/L	97
48) 2-Hexanone	8.18	43	353299	54.618	ug/L	98
49) Dibromochloromethane	8.29	129	286431	26.638	ug/L	99
50) 1,2-Dibromoethane	8.39	107	245968	26.440	ug/L	99
51) Chlorobenzene	8.92	112	814713	26.068	ug/L	100
52) Ethylbenzene	9.05	91	1342776	26.528	ug/L	100
53) m,p-Xylene	9.18	106	521497	26.952	ug/L	98
54) o-Xylene	9.59	106	504999	27.280	ug/L	99
55) Styrene	9.60	104	907494	28.001	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	310521	27.007	ug/L	99
59) Bromoform	9.77	173	184296	25.958	ug/L	99
60) Isopropylbenzene	9.97	105	1313350	26.290	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	245493	26.019	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	1112769	27.647	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	1122829	27.779	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	683730	26.076	ug/L	100
65) 1,4-Dichlorobenzene	11.31	146	699993	25.421	ug/L	98
67) 1,2-Dichlorobenzene	11.69	146	653264	26.094	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	53111	25.952	ug/L	98
69) 1,3,5-Trichlorobenzene	12.69	180	543967	25.767	ug/L	100
70) 1,2,4-trichlorobenzene	13.31	180	487108	26.685	ug/L	99
71) Naphthalene	13.55	128	1013216	28.495	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	482314	27.393	ug/L	100

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

