

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060319\
 Data File : VV011196.D
 Acq On : 03 Jun 2019 10:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02584

Quant Time: Jun 04 01:10:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 03 05:47:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	362393	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339802	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165620	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108558	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	1.58	69	100098	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.20%
10) 1,1-Dichloroethene-d2	2.12	63	241668	24.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.04%
20) 2-Butanone-d5	3.95	46	80702	45.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.06%
24) Chloroform-d	4.40	84	191335	21.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	135728	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.04%
29) Benzene-d6	5.09	84	459943	24.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.68%
33) 1,2-Dichloropropane-d6	6.11	67	145583	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	7.36	98	429223	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	7.66	79	65006	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.16%
39) 2-Hexanone-d5	8.13	63	57029	42.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	119832	22.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	151477	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	159320	27.225	ug/L 99
3) Chloromethane	1.25	50	147840	25.838	ug/L 99
5) Vinyl chloride	1.32	62	151053	26.481	ug/L 100
6) Bromomethane	1.53	94	80330	26.124	ug/L 99
8) Chloroethane	1.59	64	99373	30.110	ug/L 99
9) Trichlorofluoromethane	1.76	101	223738	27.261	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	114191	25.977	ug/L 99
12) 1,1-Dichloroethene	2.13	96	105300	25.859	ug/L 88
13) Acetone	2.21	43	99689	47.817	ug/L 97
14) Carbon disulfide	2.31	76	332072	25.393	ug/L 99
15) Methyl Acetate	2.46	43	63291	20.175	ug/L 96
16) Methylene chloride	2.53	84	122823	22.240	ug/L 99
17) Methyl tert-butyl Ether	2.80	73	309958	21.957	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	126353	25.474	ug/L 99
19) 1,1-Dichloroethane	3.22	63	238934	24.896	ug/L 98
21) 2-Butanone	4.03	43	101540	41.515	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	138530	25.006	ug/L 97

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060319\
 Data File : VV011196.D
 Acq On : 03 Jun 2019 10:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02584

Quant Time: Jun 04 01:10:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 03 05:47:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	56623	23.229	ug/L	92
25) Chloroform	4.42	83	282230	27.525	ug/L	99
27) 1,2-Dichloroethane	5.18	62	166277	23.158	ug/L	100
30) Cyclohexane	4.72	56	238394	26.235	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	212845	27.351	ug/L	100
32) Carbon tetrachloride	4.87	117	183426	27.803	ug/L	100
34) Benzene	5.14	78	509959	25.316	ug/L	100
35) Trichloroethene	5.96	95	140873	26.671	ug/L	99
36) Methylcyclohexane	6.17	83	236451	26.454	ug/L	99
40) 1,2-Dichloropropane	6.22	63	129216	24.403	ug/L #	95
41) Bromodichloromethane	6.55	83	175245	25.409	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	209324	24.865	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	200016	41.580	ug/L	99
44) Toluene	7.43	91	560916	25.510	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	173604	24.161	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	96340	23.326	ug/L	99
47) Tetrachloroethene	8.02	164	105718	27.009	ug/L	96
49) 2-Hexanone	8.18	43	147810	42.647	ug/L	97
50) Dibromochloromethane	8.29	129	114391	24.508	ug/L	99
51) 1,2-Dibromoethane	8.40	107	92744	23.152	ug/L #	98
52) Chlorobenzene	8.92	112	351150	24.948	ug/L	98
53) Ethylbenzene	9.05	91	654712	25.950	ug/L	99
54) m,p-Xylene	9.18	106	243115	25.906	ug/L	98
55) o-xylene	9.59	106	232289	25.168	ug/L	98
56) Styrene	9.60	104	394482	25.445	ug/L	96
57) Isopropylbenzene	9.97	105	641475	26.029	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	119691	21.326	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	92920	21.895	ug/L	98
62) Bromoform	9.77	173	61087	23.659	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	273262	25.471	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	271433	24.932	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	250011	24.613	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21329	21.642	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	204402	25.488	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	162938	25.319	ug/L	99
69) Naphthalene	13.55	128	306539	23.171	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	146040	24.469	ug/L	98

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

