

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031519\
 Data File : VV009679.D
 Acq On : 15 Mar 2019 10:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02562

Quant Time: Mar 15 22:52:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143412	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138450	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65884	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45997	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.32%
7) Chloroethane-d5	1.57	69	45136	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
10) 1,1-Dichloroethene-d2	2.13	63	122574	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.92%
20) 2-Butanone-d5	3.93	46	31809	66.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.44%
24) Chloroform-d	4.40	84	95184	26.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.12%
26) 1,2-Dichloroethane-d4	5.08	65	55392	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.12%
29) Benzene-d6	5.10	84	196052	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
33) 1,2-Dichloropropane-d6	6.12	67	56421	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.36%
37) Toluene-d8	7.36	98	186228	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.00%
38) trans-1,3-Dichloropropene-	7.66	79	25943	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.40%
39) 2-Hexanone-d5	8.13	63	23186	59.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57700	28.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	64575	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	52882	23.833	ug/L 99
3) Chloromethane	1.25	50	46077	23.308	ug/L 100
5) Vinyl chloride	1.32	62	50340	23.700	ug/L 98
6) Bromomethane	1.51	94	50503	21.484	ug/L 100
8) Chloroethane	1.59	64	35215	19.307	ug/L 99
9) Trichlorofluoromethane	1.76	101	107267	23.806	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	58564	23.902	ug/L 98
12) 1,1-Dichloroethene	2.14	96	51445	23.933	ug/L 98
13) Acetone	2.19	43	35077	60.578	ug/L 99
14) Carbon disulfide	2.31	76	130759	24.291	ug/L 100
15) Methyl Acetate	2.46	43	21777	25.777	ug/L 100
16) Methylene chloride	2.53	84	48143	23.060	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	107952	24.177	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	47375	25.285	ug/L 96
19) 1,1-Dichloroethane	3.23	63	82587	25.254	ug/L 99
21) 2-Butanone	4.01	43	34754	48.617	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	52006	24.770	ug/L 93

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031519\
 Data File : VV009679.D
 Acq On : 15 Mar 2019 10:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02562

Quant Time: Mar 15 22:52:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	22940	23.633	ug/L	97
25) Chloroform	4.42	83	92998	24.958	ug/L	100
27) 1,2-Dichloroethane	5.18	62	62066	24.123	ug/L	98
30) Cyclohexane	4.72	56	74428	23.796	ug/L	95
31) 1,1,1-Trichloroethane	4.66	97	80661	24.879	ug/L	98
32) Carbon tetrachloride	4.87	117	69488	25.295	ug/L	100
34) Benzene	5.14	78	189471	24.140	ug/L	100
35) Trichloroethene	5.96	95	53195	24.408	ug/L	99
36) Methylcyclohexane	6.17	83	86001	23.763	ug/L	99
40) 1,2-Dichloropropane	6.22	63	45442	23.830	ug/L	100
41) Bromodichloromethane	6.55	83	63149	24.069	ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	70581	24.378	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	66711	51.160	ug/L	99
44) Toluene	7.43	91	212971	24.361	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	60567	24.225	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	38873	24.398	ug/L	99
47) Tetrachloroethene	8.02	164	41595	24.161	ug/L	99
49) 2-Hexanone	8.18	43	51696	52.788	ug/L	99
50) Dibromochloromethane	8.29	129	45034	24.923	ug/L	96
51) 1,2-Dibromoethane	8.40	107	39136	24.799	ug/L #	97
52) Chlorobenzene	8.92	112	136433	23.985	ug/L	98
53) Ethylbenzene	9.05	91	238035	24.618	ug/L	98
54) m,p-Xylene	9.18	106	93281	25.557	ug/L	98
55) o-xylene	9.59	106	87044	24.300	ug/L	96
56) Styrene	9.60	104	145518	24.907	ug/L	100
57) Isopropylbenzene	9.97	105	236249	24.868	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	53372	25.835	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	37560	25.326	ug/L	98
62) Bromoform	9.78	173	25850	25.677	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	102679	23.884	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	100395	22.943	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	94092	23.523	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	7660	25.867	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	71620	23.922	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	48788	22.989	ug/L	100
69) Naphthalene	13.55	128	79476	22.672	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	46001	23.571	ug/L	99

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

