

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011060.D
 Acq On : 28 May 2019 11:56
 Operator : SY/MD
 Sample : VSTD05069
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: May 28 12:49:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 28 11:51:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	493677	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	480361	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	233785	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	314428	55.87	ug/L	0.00
7) Chloroethane-d5	1.56	69	228259	59.90	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	613546	56.70	ug/L	0.00
20) 2-Butanone-d5	3.93	46	251806	129.66	ug/L	0.00
24) Chloroform-d	4.40	84	607456	47.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	393517	52.22	ug/L	0.00
29) Benzene-d6	5.09	84	1378439	52.56	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	455119	54.61	ug/L	0.00
37) Toluene-d8	7.36	98	1281725	52.57	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	217382	63.54	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	200038	128.71	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	389068	46.77	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	447831	47.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	415658	57.030 ug/L	99
3) Chloromethane	1.25	50	425253	64.414 ug/L	99
5) Vinyl chloride	1.32	62	375228	56.591 ug/L	100
6) Bromomethane	1.51	94	166859	72.173 ug/L	98
8) Chloroethane	1.58	64	205043	61.800 ug/L	99
9) Trichlorofluoromethane	1.76	101	504379	47.727 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	257361	42.706 ug/L	99
12) 1,1-Dichloroethene	2.13	96	245414	47.108 ug/L	99
13) Acetone	2.19	43	278561	148.743 ug/L	100
14) Carbon disulfide	2.31	76	835366	57.260 ug/L	99
15) Methyl Acetate	2.46	43	180320	50.113 ug/L	# 100
16) Methylene chloride	2.53	84	360131	42.507 ug/L	100
17) Methyl tert-butyl Ether	2.80	73	971403	52.698 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	345162	48.027 ug/L	99
19) 1,1-Dichloroethane	3.22	63	676764	51.717 ug/L	98
21) 2-Butanone	4.02	43	377974	147.484 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	392829	49.092 ug/L	98
23) Bromochloromethane	4.29	128	166389	43.877 ug/L	99
25) Chloroform	4.42	83	711704	48.064 ug/L	99
27) 1,2-Dichloroethane	5.18	62	485713	53.360 ug/L	99
30) Cyclohexane	4.72	56	671244	67.249 ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	548850	50.793 ug/L	99
32) Carbon tetrachloride	4.87	117	464406	47.129 ug/L	100
34) Benzene	5.14	78	1452525	52.455 ug/L	100
35) Trichloroethene	5.96	95	376398	49.196 ug/L	99
36) Methylcyclohexane	6.17	83	631680	55.847 ug/L	99
40) 1,2-Dichloropropane	6.22	63	391581	53.808 ug/L	100
41) Bromodichloromethane	6.55	83	514353	52.879 ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	652867	60.271 ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	676811	129.738 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011060.D
 Acq On : 28 May 2019 11:56
 Operator : SY/MD
 Sample : VSTD05069
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: May 28 12:49:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 28 11:51:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	7.43	91	1580272	51.425	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	558915	61.253	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	294521	47.494	ug/L	97
47) Tetrachloroethene	8.02	164	268864	45.019	ug/L	99
49) 2-Hexanone	8.18	43	556076	145.994	ug/L	97
50) Dibromochloromethane	8.29	129	352509	48.296	ug/L	99
51) 1,2-Dibromoethane	8.40	107	284356	47.417	ug/L	99
52) Chlorobenzene	8.92	112	993477	47.167	ug/L	99
53) Ethylbenzene	9.05	91	1792960	53.547	ug/L	100
54) m,p-Xylene	9.18	106	668170	51.199	ug/L	100
55) o-xylene	9.59	106	659260	52.949	ug/L	98
56) Styrene	9.60	104	1142152	53.226	ug/L	99
57) Isopropylbenzene	9.97	105	1726540	52.565	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	382864	46.889	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	295481	49.262	ug/L	99
62) Bromoform	9.77	173	201677	48.595	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	760119	47.670	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	758918	46.214	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	713776	46.166	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	73156	59.562	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	569995	48.730	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	481062	52.034	ug/L	99
69) Naphthalene	13.55	128	1061946	57.301	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	443685	49.158	ug/L	100

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

