

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030519\
 Data File : VV009487.D
 Acq On : 05 Mar 2019 12:17
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Mar 05 12:40:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 05 11:49:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160562	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78332	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	202574	100.28	ug/L	0.00
7) Chloroethane-d5	1.58	69	241644	92.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	518066	96.98	ug/L	0.00
20) 2-Butanone-d5	3.94	46	165576	272.06	ug/L	0.00
24) Chloroform-d	4.40	84	394876	101.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	233285	108.28	ug/L	0.00
29) Benzene-d6	5.10	84	798349	96.82	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	235609	97.50	ug/L	0.00
37) Toluene-d8	7.36	98	798493	100.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	128080	106.04	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	131557	257.24	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	269669	114.26	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	286682	98.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	197006	96.930 ug/L	98
3) Chloromethane	1.25	50	201326	93.323 ug/L	100
5) Vinyl chloride	1.32	62	224212	93.545 ug/L	98
6) Bromomethane	1.53	94	275662	106.939 ug/L	99
8) Chloroethane	1.59	64	194954	95.391 ug/L	97
9) Trichlorofluoromethane	1.76	101	454347	94.010 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	260312	97.072 ug/L	97
12) 1,1-Dichloroethene	2.14	96	219266	95.093 ug/L	89
13) Acetone	2.21	43	145529	209.159 ug/L	97
14) Carbon disulfide	2.31	76	587725	98.102 ug/L	99
15) Methyl Acetate	2.46	43	123407	134.230 ug/L	97
16) Methylene chloride	2.53	84	195285	89.796 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	525689	104.773 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	198863	99.230 ug/L	98
19) 1,1-Dichloroethane	3.23	63	350153	98.351 ug/L	100
21) 2-Butanone	4.03	43	196273	226.366 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	226747	100.636 ug/L	99
23) Bromochloromethane	4.30	128	103856	102.709 ug/L	95
25) Chloroform	4.43	83	386707	99.809 ug/L	99
27) 1,2-Dichloroethane	5.18	62	279483	104.281 ug/L	100
30) Cyclohexane	4.72	56	335401	91.281 ug/L	96
31) 1,1,1-Trichloroethane	4.66	97	357239	96.972 ug/L	98
32) Carbon tetrachloride	4.87	117	319638	101.733 ug/L	100
34) Benzene	5.15	78	831879	96.187 ug/L	100
35) Trichloroethene	5.96	95	233117	97.376 ug/L	98
36) Methylcyclohexane	6.18	83	393026	94.026 ug/L	97
40) 1,2-Dichloropropane	6.22	63	208330	96.965 ug/L	99
41) Bromodichloromethane	6.56	83	299962	98.175 ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	346366	101.460 ug/L	97
43) 4-Methyl-2-pentanone	7.28	43	362403	235.927 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	951712	98.390	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	323433	104.503	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	184892	104.182	ug/L	98
47) Tetrachloroethene	8.02	164	183561	103.519	ug/L	95
49) 2-Hexanone	8.19	43	289361	225.607	ug/L	97
50) Dibromochloromethane	8.29	129	238439	107.411	ug/L	99
51) 1,2-Dibromoethane	8.40	107	195124	109.215	ug/L	100
52) Chlorobenzene	8.93	112	627944	100.225	ug/L	99
53) Ethylbenzene	9.06	91	1094063	98.892	ug/L	98
54) m,p-Xylene	9.18	106	428793	99.498	ug/L	98
55) o-xylene	9.59	106	410004	100.345	ug/L	93
56) Styrene	9.60	104	694285	101.304	ug/L	99
57) Isopropylbenzene	9.98	105	1116744	100.039	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	271552	112.524	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	196655	114.412	ug/L	99
62) Bromoform	9.78	173	151451	107.702	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	492223	97.892	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	492913	98.212	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	459328	97.226	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	55329	118.614	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	351608	99.033	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	301760	109.482	ug/L	99
69) Naphthalene	13.55	128	732068	131.175	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	283443	110.940	ug/L	99

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

