

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
 Data File : VV009194.D
 Acq On : 08 Jan 2019 14:24
 Operator : SY/MD
 Sample : VSTD05080
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Jan 08 15:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 14:22:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264403	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	247291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126868	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131638	72.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	103498	59.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	340406	56.31	ug/L	0.00
20) 2-Butanone-d5	3.95	46	102774	80.78	ug/L	0.00
24) Chloroform-d	4.40	84	325739	58.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	179525	60.28	ug/L	0.00
29) Benzene-d6	5.10	84	647738	58.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	185328	58.67	ug/L	0.00
37) Toluene-d8	7.36	98	611756	58.86	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	95033	63.40	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	67390	90.39	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	183592	52.88	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	236307	55.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	221459	52.107 ug/L	99
3) Chloromethane	1.25	50	148336	51.532 ug/L	100
5) Vinyl chloride	1.32	62	156833	50.883 ug/L	97
6) Bromomethane	1.53	94	114956	52.949 ug/L	100
8) Chloroethane	1.60	64	89709	47.228 ug/L	100
9) Trichlorofluoromethane	1.76	101	290357	51.384 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	182648	48.534 ug/L	96
12) 1,1-Dichloroethene	2.14	96	162379	49.753 ug/L	87
13) Acetone	2.21	43	147807	81.972 ug/L	92
14) Carbon disulfide	2.32	76	549346	58.906 ug/L	100
15) Methyl Acetate	2.47	43	90255	40.453 ug/L #	90
16) Methylene chloride	2.53	84	184346	46.669 ug/L	89
17) Methyl tert-butyl Ether	2.81	73	447181	55.938 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	183029	52.917 ug/L	98
19) 1,1-Dichloroethane	3.23	63	297875	51.862 ug/L	98
21) 2-Butanone	4.03	43	159487	101.123 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	197320	53.365 ug/L	100
23) Bromochloromethane	4.30	128	96156	55.275 ug/L	93
25) Chloroform	4.43	83	320030	52.323 ug/L	100
27) 1,2-Dichloroethane	5.18	62	225879	54.979 ug/L	100
30) Cyclohexane	4.73	56	287000	52.352 ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	295419	49.136 ug/L	99
32) Carbon tetrachloride	4.88	117	277094	50.353 ug/L	100
34) Benzene	5.15	78	694693	52.257 ug/L	100
35) Trichloroethene	5.96	95	193986	50.651 ug/L	99
36) Methylcyclohexane	6.18	83	335207	52.383 ug/L	99
40) 1,2-Dichloropropane	6.22	63	169598	52.930 ug/L	99
41) Bromodichloromethane	6.56	83	241201	54.918 ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	279268	55.002 ug/L	99
43) 4-Methyl-2-pentanone	7.28	43	256210	83.887 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	747949	52.185	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	251092	56.483	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	149919	52.937	ug/L	97
47) Tetrachloroethene	8.02	164	168395	50.751	ug/L	98
49) 2-Hexanone	8.19	43	212409	94.497	ug/L	98
50) Dibromochloromethane	8.29	129	191670	55.092	ug/L	95
51) 1,2-Dibromoethane	8.40	107	152163	51.384	ug/L	98
52) Chlorobenzene	8.93	112	502471	51.094	ug/L	99
53) Ethylbenzene	9.06	91	846560	52.228	ug/L	100
54) m,p-Xylene	9.18	106	325323	51.515	ug/L	100
55) o-xylene	9.59	106	312979	53.599	ug/L	100
56) Styrene	9.60	104	533048	54.122	ug/L	98
57) Isopropylbenzene	9.98	105	844933	52.152	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	186978	49.277	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	141908	46.791	ug/L	100
62) Bromoform	9.78	173	120988	53.998	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	408064	51.048	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	412343	49.486	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	387044	50.830	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	35560	44.983	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	319936	49.627	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	276168	52.629	ug/L	99
69) Naphthalene	13.55	128	565618	52.920	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	249533	51.817	ug/L	99

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

