

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022019\
 Data File : VV009312.D
 Acq On : 20 Feb 2019 21:12
 Operator : SY/MD
 Sample : VSTD10073
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10073

Quant Time: Feb 21 03:33:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 21 03:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141639	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66288	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161307	67.66	ug/L	0.00
7) Chloroethane-d5	1.58	69	183987	41.24	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	421433	65.93	ug/L	0.00
20) 2-Butanone-d5	3.94	46	143321	244.16	ug/L	0.00
24) Chloroform-d	4.40	84	306796	88.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	175462	89.29	ug/L	0.00
29) Benzene-d6	5.10	84	630272	92.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	184825	92.37	ug/L	0.00
37) Toluene-d8	7.36	98	612926	93.00	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	99976	97.51	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	115607	256.98	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	220489	108.80	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	221605	92.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	166959	115.379	ug/L 96
3) Chloromethane	1.25	50	199289	83.782	ug/L 98
5) Vinyl chloride	1.32	62	231950	78.776	ug/L 98
6) Bromomethane	1.53	94	211055	60.126	ug/L 100
8) Chloroethane	1.59	64	184470	45.335	ug/L 99
9) Trichlorofluoromethane	1.76	101	433328	72.202	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	241585	72.016	ug/L 99
12) 1,1-Dichloroethene	2.14	96	205365	70.010	ug/L 96
13) Acetone	2.20	43	130215	202.351	ug/L 100
14) Carbon disulfide	2.31	76	562116	109.571	ug/L 97
15) Methyl Acetate	2.46	43	113952	131.830	ug/L 98
16) Methylene chloride	2.53	84	172023	93.114	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	462491	103.919	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	185443	104.582	ug/L 98
19) 1,1-Dichloroethane	3.23	63	310955	95.050	ug/L 98
21) 2-Butanone	4.03	43	179888	225.176	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	205958	100.569	ug/L 94
23) Bromochloromethane	4.30	128	92741	102.553	ug/L 97
25) Chloroform	4.43	83	333018	95.641	ug/L 95
27) 1,2-Dichloroethane	5.18	62	236370	90.443	ug/L 98
30) Cyclohexane	4.73	56	317484	96.376	ug/L 98
31) 1,1,1-Trichloroethane	4.66	97	312826	95.573	ug/L 99
32) Carbon tetrachloride	4.87	117	274889	98.024	ug/L 100
34) Benzene	5.15	78	751464	97.927	ug/L 100
35) Trichloroethene	5.96	95	204997	101.117	ug/L 100
36) Methylcyclohexane	6.18	83	363978	102.295	ug/L 100
40) 1,2-Dichloropropane	6.22	63	178199	96.924	ug/L 100
41) Bromodichloromethane	6.55	83	261017	97.464	ug/L 100
42) cis-1,3-Dichloropropene	7.07	75	310299	101.110	ug/L 98
43) 4-Methyl-2-pentanone	7.28	43	327085	216.058	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	841899	96.797	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	283145	101.627	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	161889	107.339	ug/L	99
47) Tetrachloroethene	8.02	164	164108	97.196	ug/L	98
49) 2-Hexanone	8.19	43	266639	219.163	ug/L	97
50) Dibromochloromethane	8.29	129	202634	104.051	ug/L	98
51) 1,2-Dibromoethane	8.40	107	169773	108.782	ug/L	98
52) Chlorobenzene	8.93	112	543170	95.718	ug/L	98
53) Ethylbenzene	9.06	91	954521	96.015	ug/L	99
54) m,p-Xylene	9.18	106	370216	97.356	ug/L	99
55) o-xylene	9.59	106	348868	94.339	ug/L	99
56) Styrene	9.60	104	599395	94.014	ug/L	100
57) Isopropylbenzene	9.98	105	961922	95.839	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	236503	111.135	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	174741	113.187	ug/L	99
62) Bromoform	9.78	173	136544	110.025	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	423885	96.939	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	417609	94.656	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	389341	94.158	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	51365	130.978	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	311492	96.252	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	265726	100.732	ug/L	99
69) Naphthalene	13.55	128	674126	130.883	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	248009	104.336	ug/L	97

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

