

Data File : VV013462.D
Acq On : 01 Nov 2019 11:12
Operator : SY/MD
Sample : VSTD02564
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02564

Quant Time: Nov 02 02:16:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 03:13:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	727133	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	703200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	383070	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	265060	23.83	ug/L	0.00
7) Chloroethane-d5	1.58	69	194707	22.06	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	443248	23.95	ug/L	0.00
20) 2-Butanone-d5	3.94	46	231955	58.82	ug/L	0.00
24) Chloroform-d	4.40	84	505151	25.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	287478	24.72	ug/L	0.00
29) Benzene-d6	5.09	84	1029585	25.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	314477	25.29	ug/L	0.00
37) Toluene-d8	7.36	98	939890	26.28	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	133504	25.51	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	136052	55.04	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	276334	23.99	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	361231	24.22	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	272084	33.248	ug/L	100
3) Chloromethane	1.25	50	288295	27.791	ug/L	100
5) Vinyl chloride	1.32	62	285371	27.922	ug/L	100
6) Bromomethane	1.54	94	146162	23.706	ug/L	100
8) Chloroethane	1.60	64	156120	25.517	ug/L	100
9) Trichlorofluoromethane	1.77	101	381013	27.450	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	233686	26.427	ug/L	100
12) 1,1-Dichloroethene	2.14	96	221487	27.067	ug/L	100
13) Acetone	2.21	43	227572	56.455	ug/L	100
14) Carbon disulfide	2.32	76	869117	31.797	ug/L	100
15) Methyl Acetate	2.46	43	214279	32.473	ug/L	100
16) Methylene chloride	2.53	84	303456	27.475	ug/L	100
17) Methyl tert-butyl Ether	2.80	73	712211	29.041	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	293145	29.379	ug/L	100
19) 1,1-Dichloroethane	3.23	63	535240	29.399	ug/L	100
21) 2-Butanone	4.03	43	282923	59.227	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	306341	28.339	ug/L	100
23) Bromochloromethane	4.29	128	148113	27.863	ug/L	100
25) Chloroform	4.42	83	534394	28.185	ug/L	100
27) 1,2-Dichloroethane	5.17	62	380567	28.510	ug/L	100
30) Cyclohexane	4.72	56	505629	32.154	ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	451943	31.120	ug/L	100
32) Carbon tetrachloride	4.87	117	407744	30.976	ug/L	100
34) Benzene	5.14	78	1183401	29.587	ug/L	100
35) Trichloroethene	5.96	95	315206	28.420	ug/L	100
36) Methylcyclohexane	6.17	83	520732	30.412	ug/L	100
40) 1,2-Dichloropropane	6.22	63	298228	28.811	ug/L	100
41) Bromodichloromethane	6.55	83	373209	28.192	ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	432319	28.624	ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	549807	64.218	ug/L	100

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44) Toluene	7.43	91	1237551	29.577	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	377550	29.381	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	234280	27.114	ug/L	100
47) Tetrachloroethene	8.02	164	270532	29.647	ug/L	100
49) 2-Hexanone	8.18	43	408880	64.328	ug/L	100
50) Dibromochloromethane	8.29	129	282684	28.156	ug/L	100
51) 1,2-Dibromoethane	8.39	107	243402	28.506	ug/L	100
52) Chlorobenzene	8.92	112	809038	27.994	ug/L	100
53) Ethylbenzene	9.05	91	1387162	29.887	ug/L	100
54) m,p-Xylene	9.18	106	527236	30.003	ug/L	100
55) o-xylene	9.58	106	481840	29.021	ug/L	100
56) Styrene	9.60	104	856315	29.359	ug/L	100
57) Isopropylbenzene	9.97	105	1356797	30.669	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	294223	27.574	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	251159	28.393	ug/L	100
62) Bromoform	9.77	173	193458	29.137	ug/L	100
63) 1,3-Dichlorobenzene	11.22	146	674155	28.190	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	668210	26.797	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	625455	27.603	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	55512	28.052	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	537286	28.540	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	435051	26.851	ug/L	100
69) Naphthalene	13.55	128	895975	27.919	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	429686	27.578	ug/L	100

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

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