

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010689.D
 Acq On : 07 May 2019 11:44
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: May 08 02:30:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:27:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	101190	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	105342	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47372	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7855	5.00	ug/L	0.00
7) Chloroethane-d5	1.57	69	6580	5.09	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	17649	5.18	ug/L	0.00
20) 2-Butanone-d5	3.94	46	3791	7.82	ug/L	0.00
24) Chloroform-d	4.40	84	14013	5.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	8243	4.78	ug/L	0.00
29) Benzene-d6	5.10	84	26851	4.84	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	8604	4.87	ug/L	0.00
37) Toluene-d8	7.36	98	25516	4.81	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	3525	4.38	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	2885	7.80	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7196	4.33	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	9068	4.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6632	4.732 ug/L	99
3) Chloromethane	1.25	50	8233	4.829 ug/L	99
5) Vinyl chloride	1.32	62	9675	4.887 ug/L	95
6) Bromomethane	1.51	94	4545	4.734 ug/L	90
8) Chloroethane	1.59	64	5970	4.843 ug/L	89
9) Trichlorofluoromethane	1.76	101	14499	4.866 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	8388	4.930 ug/L	97
12) 1,1-Dichloroethene	2.13	96	7636	4.793 ug/L	89
13) Acetone	2.19	43	5277	7.226 ug/L	100
14) Carbon disulfide	2.31	76	18287	4.671 ug/L	96
15) Methyl Acetate	2.46	43	3789	4.343 ug/L	99
16) Methylene chloride	2.53	84	7886	5.040 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	17713	4.440 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	6664	4.628 ug/L	91
19) 1,1-Dichloroethane	3.23	63	13460	4.842 ug/L	96
21) 2-Butanone	4.02	43	4786	6.818 ug/L	82
22) cis-1,2-Dichloroethene	3.96	96	7636	4.642 ug/L	96
23) Bromochloromethane	4.30	128	3365	4.551 ug/L	96
25) Chloroform	4.42	83	14590	4.764 ug/L	99
27) 1,2-Dichloroethane	5.18	62	10367	4.631 ug/L #	92
30) Cyclohexane	4.72	56	11757	4.450 ug/L	95
31) 1,1,1-Trichloroethane	4.66	97	11830	4.504 ug/L	99
32) Carbon tetrachloride	4.87	117	10699	4.676 ug/L	98
34) Benzene	5.14	78	28205	4.561 ug/L	100
35) Trichloroethene	5.96	95	7759	4.479 ug/L	96
36) Methylcyclohexane	6.17	83	12031	4.334 ug/L	95
40) 1,2-Dichloropropane	6.22	63	7528	4.576 ug/L #	93
41) Bromodichloromethane	6.55	83	9564	4.231 ug/L	93
42) cis-1,3-Dichloropropene	7.07	75	10993	4.225 ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	11244	8.120 ug/L	98

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

44) Toluene	7.43	91	31080	4.425	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	8815	4.023	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	6008	4.446	ug/L	93
47) Tetrachloroethene	8.02	164	6139	4.894	ug/L	92
49) 2-Hexanone	8.18	43	7117	6.760	ug/L	98
50) Dibromochloromethane	8.29	129	6235	4.012	ug/L	92
51) 1,2-Dibromoethane	8.40	107	5520	4.229	ug/L	99
52) Chlorobenzene	8.93	112	20144	4.390	ug/L	93
53) Ethylbenzene	9.05	91	34756	4.268	ug/L	98
54) m,p-Xylene	9.18	106	13266	4.360	ug/L	91
55) o-xylene	9.59	106	12780	4.235	ug/L	97
56) Styrene	9.60	104	20428	4.002	ug/L	91
57) Isopropylbenzene	9.97	105	34683	4.307	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	7216	4.075	ug/L	92
59) 1,2,3-Trichloropropane	10.32	75	5664	4.099	ug/L	100
62) Bromoform	9.78	173	3335	4.134	ug/L #	97
63) 1,3-Dichlorobenzene	11.23	146	15219	4.615	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	15469	4.592	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	14326	4.473	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1261	4.243	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	10735	4.519	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	7561	4.114	ug/L	96
69) Naphthalene	13.55	128	12771	3.246	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.79	180	6743	3.911	ug/L	97

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

