

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021219\
 Data File : VV009285.D
 Acq On : 12 Feb 2019 13:48
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Feb 13 07:19:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 13 07:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	220949	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207926	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104020	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	181227	79.36	ug/L	0.00
7) Chloroethane-d5	1.57	69	103030	58.84	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	372007	63.88	ug/L	0.00
20) 2-Butanone-d5	3.94	46	168986	159.60	ug/L	0.00
24) Chloroform-d	4.40	84	345132	63.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	204425	67.74	ug/L	0.00
29) Benzene-d6	5.10	84	671389	62.28	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	206143	65.43	ug/L	0.00
37) Toluene-d8	7.36	98	617845	61.03	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	96956	63.73	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	109243	168.36	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	200297	64.14	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	206767	52.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	183056	50.401	ug/L 99
3) Chloromethane	1.25	50	198560	72.963	ug/L 97
5) Vinyl chloride	1.32	62	207353	74.589	ug/L 96
6) Bromomethane	1.53	94	81941	44.549	ug/L 99
8) Chloroethane	1.59	64	118526	74.783	ug/L 98
9) Trichlorofluoromethane	1.76	101	306045	62.109	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	171588	56.234	ug/L 99
12) 1,1-Dichloroethene	2.14	96	151171	56.494	ug/L 95
13) Acetone	2.20	43	235018	156.376	ug/L 99
14) Carbon disulfide	2.32	76	593458	66.391	ug/L 100
15) Methyl Acetate	2.46	43	138195	76.875	ug/L 93
16) Methylene chloride	2.53	84	182560	55.536	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	434580	61.093	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	175185	57.705	ug/L 99
19) 1,1-Dichloroethane	3.23	63	337014	65.932	ug/L 98
21) 2-Butanone	4.02	43	248759	160.809	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	185265	58.038	ug/L 99
23) Bromochloromethane	4.30	128	82545	55.052	ug/L 95
25) Chloroform	4.43	83	336133	62.826	ug/L 99
27) 1,2-Dichloroethane	5.18	62	247078	65.816	ug/L 100
30) Cyclohexane	4.73	56	342325	69.973	ug/L 99
31) 1,1,1-Trichloroethane	4.66	97	301988	60.244	ug/L 98
32) Carbon tetrachloride	4.88	117	266419	58.520	ug/L 100
34) Benzene	5.15	78	718132	61.814	ug/L 100
35) Trichloroethene	5.96	95	192230	58.546	ug/L 98
36) Methylcyclohexane	6.18	83	335031	60.989	ug/L 98
40) 1,2-Dichloropropane	6.22	63	189867	65.217	ug/L 100
41) Bromodichloromethane	6.56	83	244289	62.480	ug/L 99
42) cis-1,3-Dichloropropene	7.07	75	290507	65.736	ug/L 99
43) 4-Methyl-2-pentanone	7.28	43	368430	149.591	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	769194	61.671	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	256360	64.904	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	141661	57.619	ug/L	98
47) Tetrachloroethene	8.02	164	145657	53.034	ug/L	99
49) 2-Hexanone	8.19	43	319190	157.978	ug/L	96
50) Dibromochloromethane	8.29	129	169638	57.472	ug/L	98
51) 1,2-Dibromoethane	8.40	107	141016	56.505	ug/L	99
52) Chlorobenzene	8.93	112	467381	55.865	ug/L	98
53) Ethylbenzene	9.06	91	850742	60.724	ug/L	98
54) m,p-Xylene	9.18	106	312482	58.590	ug/L	98
55) o-xylene	9.59	106	295808	58.500	ug/L	98
56) Styrene	9.60	104	515888	60.854	ug/L	99
57) Isopropylbenzene	9.98	105	825216	59.546	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	202802	63.622	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	156788	61.832	ug/L	99
62) Bromoform	9.78	173	102237	55.777	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	355546	53.289	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	364777	53.563	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	340354	53.778	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	42394	67.283	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	275119	52.119	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	227884	53.925	ug/L	99
69) Naphthalene	13.55	128	517278	61.677	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	215373	55.269	ug/L	99

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

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