

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030519\
 Data File : VV009485.D
 Acq On : 05 Mar 2019 11:24
 Operator : SY/MD
 Sample : VSTD02562
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02562

Quant Time: Mar 05 11:52:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 05 11:49:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169888	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75976	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52169	24.41	ug/L	0.00
7) Chloroethane-d5	1.58	69	77444	27.87	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	131237	23.22	ug/L	0.00
20) 2-Butanone-d5	3.95	46	34167	53.06	ug/L	0.00
24) Chloroform-d	4.40	84	99160	24.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	57375	25.17	ug/L	0.00
29) Benzene-d6	5.10	84	200462	23.55	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	57872	23.20	ug/L	0.00
37) Toluene-d8	7.36	98	195347	23.92	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	28238	22.65	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	27062	51.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60987	25.03	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	68816	24.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	48300	22.460	ug/L 98
3) Chloromethane	1.25	50	51296	22.473	ug/L 99
5) Vinyl chloride	1.32	62	56120	22.129	ug/L 98
6) Bromomethane	1.53	94	69695	25.553	ug/L 100
8) Chloroethane	1.59	64	57797	26.728	ug/L 99
9) Trichlorofluoromethane	1.77	101	115553	22.597	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	63868	22.509	ug/L 97
12) 1,1-Dichloroethene	2.14	96	54007	22.137	ug/L 94
13) Acetone	2.20	43	32504	44.151	ug/L 99
14) Carbon disulfide	2.32	76	146017	23.035	ug/L 100
15) Methyl Acetate	2.46	43	28021	28.805	ug/L 91
16) Methylene chloride	2.54	84	49412	21.473	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	121099	22.811	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	49348	23.272	ug/L 97
19) 1,1-Dichloroethane	3.23	63	86776	23.036	ug/L 99
21) 2-Butanone	4.03	43	43578	47.500	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	55762	23.390	ug/L 97
23) Bromochloromethane	4.30	128	25772	24.088	ug/L 89
25) Chloroform	4.43	83	97645	23.819	ug/L 99
27) 1,2-Dichloroethane	5.18	62	67559	23.824	ug/L 100
30) Cyclohexane	4.73	56	83929	22.126	ug/L 96
31) 1,1,1-Trichloroethane	4.66	97	89024	23.409	ug/L 99
32) Carbon tetrachloride	4.88	117	73824	22.761	ug/L 99
34) Benzene	5.15	78	202747	22.709	ug/L 100
35) Trichloroethene	5.96	95	57922	23.437	ug/L 99
36) Methylcyclohexane	6.18	83	95196	22.061	ug/L 99
40) 1,2-Dichloropropane	6.22	63	49808	22.457	ug/L 99
41) Bromodichloromethane	6.56	83	70671	22.406	ug/L 98
42) cis-1,3-Dichloropropene	7.07	75	84797	24.062	ug/L 97
43) 4-Methyl-2-pentanone	7.28	43	78864	49.733	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	231852	23.219	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	71760	22.460	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	43949	23.989	ug/L	97
47) Tetrachloroethene	8.02	164	44784	24.465	ug/L	93
49) 2-Hexanone	8.19	43	58001	43.806	ug/L	99
50) Dibromochloromethane	8.29	129	52003	22.693	ug/L	99
51) 1,2-Dibromoethane	8.40	107	45072	24.438	ug/L	100
52) Chlorobenzene	8.93	112	152151	23.524	ug/L	99
53) Ethylbenzene	9.06	91	263228	23.048	ug/L	97
54) m,p-Xylene	9.18	106	99137	22.284	ug/L	96
55) o-xylene	9.59	106	98915	23.451	ug/L	95
56) Styrene	9.60	104	157935	22.323	ug/L	99
57) Isopropylbenzene	9.98	105	265187	23.012	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	61579	24.718	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	43662	24.607	ug/L	99
62) Bromoform	9.78	173	30632	22.459	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	116129	23.812	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	115808	23.790	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	110419	24.097	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	11891	26.282	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	83378	24.212	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	66666	24.937	ug/L	100
69) Naphthalene	13.55	128	141912	26.217	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	61690	24.894	ug/L	97

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

