

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020720\
 Data File : VV014526.D
 Acq On : 06 Feb 2020 18:52
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Feb 07 03:22:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM020720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 03:18:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	365949	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	174588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	183570	38.50	ug/L	0.00
7) Chloroethane-d5	1.58	69	121063	34.80	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	270484	32.53	ug/L	0.00
20) 2-Butanone-d5	3.92	46	170747	74.87	ug/L	0.00
24) Chloroform-d	4.40	84	412873	41.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	251603	43.29	ug/L	0.00
29) Benzene-d6	5.09	84	914464	45.07	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	282413	45.58	ug/L	0.00
37) Toluene-d8	7.35	98	850455	46.64	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	142209	51.41	ug/L	0.00
39) 2-Hexanone-d5	8.12	63	137992	103.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.25	84	268726	47.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	312050	45.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	304089	50.928	ug/L 99
3) Chloromethane	1.25	50	257644	45.744	ug/L 100
5) Vinyl chloride	1.32	62	208298	38.552	ug/L 100
6) Bromomethane	1.53	94	105019	40.922	ug/L 100
8) Chloroethane	1.60	64	96816	32.436	ug/L 99
9) Trichlorofluoromethane	1.77	101	302253	39.749	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	144539	33.098	ug/L 98
12) 1,1-Dichloroethene	2.14	96	127157	31.061	ug/L 92
13) Acetone	2.18	43	140124	52.703	ug/L 97
14) Carbon disulfide	2.32	76	717450	42.545	ug/L 100
15) Methyl Acetate	2.45	43	145537	36.353	ug/L 100
16) Methylene chloride	2.53	84	260509	38.131	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	657167	45.147	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	244653	42.021	ug/L 98
19) 1,1-Dichloroethane	3.23	63	421168	40.126	ug/L 100
21) 2-Butanone	4.00	43	219010	77.698	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	272120	43.915	ug/L 98
23) Bromochloromethane	4.29	128	125691	42.747	ug/L 98
25) Chloroform	4.42	83	466355	42.394	ug/L 100
27) 1,2-Dichloroethane	5.17	62	303600	40.691	ug/L 100
30) Cyclohexane	4.72	56	412648	44.207	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	370798	42.101	ug/L 99
32) Carbon tetrachloride	4.87	117	328794	42.208	ug/L 99
34) Benzene	5.14	78	971935	42.632	ug/L 100
35) Trichloroethene	5.96	95	256623	41.828	ug/L 99
36) Methylcyclohexane	6.17	83	450458	46.569	ug/L 99
40) 1,2-Dichloropropane	6.22	63	244045	42.417	ug/L 99
41) Bromodichloromethane	6.55	83	328600	43.946	ug/L 100
42) cis-1,3-Dichloropropene	7.06	75	418919	47.794	ug/L 100
43) 4-Methyl-2-pentanone	7.26	43	394356	77.276	ug/L 99

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44) Toluene	7.43	91	1038819	44.382	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	347379	46.616	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	205294	44.273	ug/L	98
47) Tetrachloroethene	8.01	164	201261	39.454	ug/L	99
49) 2-Hexanone	8.17	43	299219	80.228	ug/L	99
50) Dibromochloromethane	8.29	129	248944	44.923	ug/L	97
51) 1,2-Dibromoethane	8.39	107	213613	44.600	ug/L	98
52) Chlorobenzene	8.92	112	683983	43.171	ug/L	99
53) Ethylbenzene	9.05	91	1171108	45.395	ug/L	99
54) m,p-Xylene	9.18	106	449760	46.280	ug/L	98
55) o-xylene	9.58	106	432131	46.368	ug/L	98
56) Styrene	9.60	104	749935	46.689	ug/L	98
57) Isopropylbenzene	9.97	105	1138372	45.966	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	270398	45.097	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	202120	41.395	ug/L	100
62) Bromoform	9.77	173	147437	43.252	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	543394	44.829	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	545610	43.936	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	503490	44.724	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	50845	49.083	ug/L	99
67) 1,3,5-Trichlorobenzene	12.68	180	401781	42.704	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	362148	44.408	ug/L	99
69) Naphthalene	13.54	128	858949	53.314	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	330102	44.022	ug/L	98

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

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