

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010957.D
 Acq On : 20 May 2019 13:38
 Operator : SY/MD
 Sample : VSTD05068
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: May 20 14:06:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 20 13:51:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	129263	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135704	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69908	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69977	42.49	ug/L	0.00
7) Chloroethane-d5	1.56	69	48616	45.30	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	132072	42.38	ug/L	0.00
20) 2-Butanone-d5	3.94	46	50603	97.67	ug/L	0.00
24) Chloroform-d	4.40	84	170526	45.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	98703	46.52	ug/L	0.00
29) Benzene-d6	5.10	84	360914	48.05	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	113845	47.51	ug/L	0.00
37) Toluene-d8	7.36	98	355526	49.26	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	50284	48.10	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	45312	99.79	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	114450	51.49	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	139054	47.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	92032	64.174	ug/L 98
3) Chloromethane	1.25	50	83885	48.840	ug/L 100
5) Vinyl chloride	1.32	62	85656	46.322	ug/L 99
6) Bromomethane	1.51	94	30585	71.262	ug/L 99
8) Chloroethane	1.58	64	42616	44.560	ug/L 94
9) Trichlorofluoromethane	1.76	101	135775	51.294	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	77952	48.824	ug/L 98
12) 1,1-Dichloroethene	2.13	96	67304	45.183	ug/L 94
13) Acetone	2.19	43	44822	84.931	ug/L 98
14) Carbon disulfide	2.31	76	184393	41.096	ug/L 100
15) Methyl Acetate	2.46	43	39639	36.062	ug/L 97
16) Methylene chloride	2.53	84	105581	50.612	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	260811	53.623	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	95519	53.831	ug/L 98
19) 1,1-Dichloroethane	3.23	63	177700	51.728	ug/L 98
21) 2-Butanone	4.02	43	71285	104.643	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	111084	53.496	ug/L 99
23) Bromochloromethane	4.30	128	53802	55.622	ug/L 91
25) Chloroform	4.42	83	195100	52.355	ug/L 98
27) 1,2-Dichloroethane	5.18	62	124556	47.905	ug/L 98
30) Cyclohexane	4.72	56	144253	55.290	ug/L 99
31) 1,1,1-Trichloroethane	4.66	97	153305	52.014	ug/L 98
32) Carbon tetrachloride	4.87	117	139863	55.608	ug/L 99
34) Benzene	5.14	78	401339	50.742	ug/L 100
35) Trichloroethene	5.96	95	110197	53.755	ug/L 98
36) Methylcyclohexane	6.17	83	169345	59.363	ug/L 99
40) 1,2-Dichloropropane	6.22	63	109059	50.625	ug/L 99
41) Bromodichloromethane	6.55	83	144179	52.193	ug/L 98
42) cis-1,3-Dichloropropene	7.07	75	171244	54.486	ug/L 98
43) 4-Methyl-2-pentanone	7.27	43	157394	103.454	ug/L 100

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44) Toluene	7.43	91	469091	53.354	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	140454	52.877	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	92455	53.289	ug/L	98
47) Tetrachloroethene	8.02	164	84280	55.640	ug/L	96
49) 2-Hexanone	8.18	43	118736	105.672	ug/L	99
50) Dibromochloromethane	8.29	129	112688	58.392	ug/L	97
51) 1,2-Dibromoethane	8.40	107	90108	55.129	ug/L	96
52) Chlorobenzene	8.93	112	315801	52.740	ug/L	100
53) Ethylbenzene	9.05	91	519169	53.901	ug/L	99
54) m,p-Xylene	9.18	106	202129	53.261	ug/L	100
55) o-xylene	9.59	106	201091	53.933	ug/L	98
56) Styrene	9.60	104	351982	55.054	ug/L	100
57) Isopropylbenzene	9.97	105	518896	55.597	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	120390	52.542	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	86078	51.849	ug/L	97
62) Bromoform	9.78	173	63931	58.587	ug/L	97
63) 1,3-Dichlorobenzene	11.23	146	251594	52.088	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	254368	50.836	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	244299	50.696	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	19333	53.569	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	187238	53.191	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	158941	55.918	ug/L	99
69) Naphthalene	13.55	128	348552	58.539	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	152999	56.556	ug/L	99

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

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