

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010059.D
 Acq On : 02 Apr 2019 13:38
 Operator : SY/MD
 Sample : VSTD02563
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

Quant Time: Apr 02 14:35:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 12:25:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251211	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84345	24.45	ug/L	0.00
7) Chloroethane-d5	1.58	69	115502	38.02	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	208068	24.04	ug/L	0.00
20) 2-Butanone-d5	3.94	46	57739	61.68	ug/L	0.00
24) Chloroform-d	4.40	84	165182	27.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	93479	25.26	ug/L	0.00
29) Benzene-d6	5.10	84	329163	26.29	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	95438	26.73	ug/L	0.00
37) Toluene-d8	7.36	98	324577	26.50	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	41622	27.06	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	43954	62.14	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	101563	27.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	124410	25.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	77535	20.040	ug/L	100
3) Chloromethane	1.25	50	74155	21.936	ug/L	99
5) Vinyl chloride	1.33	62	82206	22.231	ug/L	97
6) Bromomethane	1.53	94	90814	27.559	ug/L	99
8) Chloroethane	1.59	64	76250	31.154	ug/L	98
9) Trichlorofluoromethane	1.77	101	168661	22.160	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	95513	22.173	ug/L	99
12) 1,1-Dichloroethene	2.14	96	79587	21.434	ug/L	91
13) Acetone	2.20	43	52966	47.812	ug/L	99
14) Carbon disulfide	2.32	76	160125	21.470	ug/L	99
15) Methyl Acetate	2.46	43	39424	24.524	ug/L	96
16) Methylene chloride	2.54	84	85950	19.581	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	180289	23.542	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	68020	22.014	ug/L	99
19) 1,1-Dichloroethane	3.23	63	120989	22.260	ug/L	99
21) 2-Butanone	4.03	43	54901	52.129	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	78182	22.578	ug/L	99
23) Bromochloromethane	4.30	128	39021	22.801	ug/L	95
25) Chloroform	4.43	83	135087	21.217	ug/L	100
27) 1,2-Dichloroethane	5.18	62	93617	23.149	ug/L	96
30) Cyclohexane	4.73	56	100492	22.648	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	116338	23.444	ug/L	99
32) Carbon tetrachloride	4.88	117	105523	23.349	ug/L	97
34) Benzene	5.15	78	275310	22.633	ug/L	100
35) Trichloroethene	5.96	95	78387	22.531	ug/L	98
36) Methylcyclohexane	6.18	83	115995	21.674	ug/L	98
40) 1,2-Dichloropropane	6.22	63	69792	23.448	ug/L	99
41) Bromodichloromethane	6.56	83	91308	23.020	ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	103592	22.751	ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	115553	50.799	ug/L	99

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44) Toluene	7.43	91	317437	23.025	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	91014	24.038	ug/L	95
46) 1,1,2-Trichloroethane	7.88	97	64770	24.024	ug/L	97
47) Tetrachloroethene	8.02	164	65975	22.340	ug/L	96
49) 2-Hexanone	8.19	43	84624	56.097	ug/L	96
50) Dibromochloromethane	8.29	129	73227	23.485	ug/L	95
51) 1,2-Dibromoethane	8.40	107	65236	24.137	ug/L	100
52) Chlorobenzene	8.93	112	212268	22.362	ug/L	97
53) Ethylbenzene	9.05	91	345996	22.713	ug/L	99
54) m,p-Xylene	9.18	106	135187	22.134	ug/L	97
55) o-xylene	9.59	106	132650	22.960	ug/L	97
56) Styrene	9.60	104	227564	23.540	ug/L	99
57) Isopropylbenzene	9.97	105	352982	22.932	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	85553	24.529	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	61806	24.150	ug/L	100
62) Bromoform	9.77	173	41253	23.724	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	169146	22.530	ug/L	96
64) 1,4-Dichlorobenzene	11.32	146	172536	21.856	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	165729	22.366	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	12333	25.817	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	122353	22.098	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	93353	23.117	ug/L	99
69) Naphthalene	13.55	128	168143	26.485	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	91347	24.141	ug/L	99

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

