

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010690.D
 Acq On : 07 May 2019 12:12
 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: May 08 02:31:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:27:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94688	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	98107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37836	25.72	ug/L	0.00
7) Chloroethane-d5	1.57	69	31233	25.80	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	80885	25.35	ug/L	0.00
20) 2-Butanone-d5	3.93	46	24387	53.78	ug/L	0.00
24) Chloroform-d	4.40	84	62886	24.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	39716	24.63	ug/L	0.00
29) Benzene-d6	5.10	84	126771	24.55	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	39381	23.93	ug/L	0.00
37) Toluene-d8	7.36	98	122854	24.84	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	18258	24.34	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	18678	54.25	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39132	25.31	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	44913	24.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	36146	27.563	ug/L 100
3) Chloromethane	1.25	50	42149	26.421	ug/L 100
5) Vinyl chloride	1.32	62	50099	27.046	ug/L 100
6) Bromomethane	1.51	94	27224	30.305	ug/L 100
8) Chloroethane	1.59	64	30832	26.727	ug/L 100
9) Trichlorofluoromethane	1.76	101	76148	27.308	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43580	27.375	ug/L 100
12) 1,1-Dichloroethene	2.14	96	40204	26.970	ug/L 100
13) Acetone	2.19	43	42106	61.616	ug/L 100
14) Carbon disulfide	2.31	76	98694	26.942	ug/L 100
15) Methyl Acetate	2.46	43	22195	27.188	ug/L 100
16) Methylene chloride	2.53	84	36993	25.267	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	101572	27.211	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	36309	26.946	ug/L 100
19) 1,1-Dichloroethane	3.23	63	68062	26.164	ug/L 100
21) 2-Butanone	4.01	43	40319	61.384	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	40384	26.236	ug/L 100
23) Bromochloromethane	4.30	128	19243	27.811	ug/L 100
25) Chloroform	4.42	83	76385	26.654	ug/L 100
27) 1,2-Dichloroethane	5.18	62	55419	26.457	ug/L 100
30) Cyclohexane	4.72	56	65698	26.700	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	64856	26.513	ug/L 100
32) Carbon tetrachloride	4.87	117	56809	26.661	ug/L 100
34) Benzene	5.15	78	151265	26.265	ug/L 100
35) Trichloroethene	5.96	95	43404	26.905	ug/L 100
36) Methylcyclohexane	6.17	83	68276	26.407	ug/L 100
40) 1,2-Dichloropropane	6.22	63	40681	26.553	ug/L 100
41) Bromodichloromethane	6.55	83	56538	26.857	ug/L 100
42) cis-1,3-Dichloropropene	7.07	75	66238	27.334	ug/L 100
43) 4-Methyl-2-pentanone	7.27	43	71918	55.766	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010690.D
 Acq On : 07 May 2019 12:12
 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: May 08 02:31:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:27:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	175953	26.900	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	55396	27.148	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	32512	25.831	ug/L	100
47) Tetrachloroethene	8.02	164	31576	27.027	ug/L	100
49) 2-Hexanone	8.18	43	59958	61.151	ug/L	100
50) Dibromochloromethane	8.29	129	40131	27.727	ug/L	100
51) 1,2-Dibromoethane	8.40	107	33395	27.471	ug/L	100
52) Chlorobenzene	8.92	112	114031	26.684	ug/L	100
53) Ethylbenzene	9.05	91	207452	27.353	ug/L	100
54) m,p-Xylene	9.18	106	76514	27.003	ug/L	100
55) o-xylene	9.59	106	77070	27.422	ug/L	100
56) Styrene	9.60	104	130614	27.476	ug/L	100
57) Isopropylbenzene	9.97	105	208608	27.819	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	45130	27.368	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	36234	28.155	ug/L	100
62) Bromoform	9.78	173	21448	26.833	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	87940	26.913	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	90089	26.991	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	85063	26.803	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	7845	26.640	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	64409	27.365	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	51176	28.100	ug/L	100
69) Naphthalene	13.55	128	116894	29.987	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	49834	29.171	ug/L	100

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

