

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041019\
 Data File : VV010213.D
 Acq On : 10 Apr 2019 13:32
 Operator : SY/MD
 Sample : VSTD05091
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Apr 10 14:04:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 13:55:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	302644	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	295227	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	157026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164832	40.68	ug/L	0.00
7) Chloroethane-d5	1.57	69	145007	28.81	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	431016	42.17	ug/L	0.00
20) 2-Butanone-d5	3.93	46	98406	85.35	ug/L	0.00
24) Chloroform-d	4.40	84	347496	45.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	195456	45.82	ug/L	0.00
29) Benzene-d6	5.10	84	698458	45.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	203909	45.13	ug/L	0.00
37) Toluene-d8	7.36	98	702309	47.61	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	95309	49.35	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	79267	87.47	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	190036	42.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	280860	45.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	238027	54.378	ug/L 97
3) Chloromethane	1.25	50	195715	50.173	ug/L 99
5) Vinyl chloride	1.32	62	211884	49.870	ug/L 99
6) Bromomethane	1.51	94	191102	39.762	ug/L 100
8) Chloroethane	1.59	64	129412	34.843	ug/L 99
9) Trichlorofluoromethane	1.76	101	420393	48.003	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	217905	44.744	ug/L 98
12) 1,1-Dichloroethene	2.14	96	198946	48.082	ug/L 98
13) Acetone	2.19	43	81610	71.596	ug/L 98
14) Carbon disulfide	2.31	76	510894	59.496	ug/L 99
15) Methyl Acetate	2.45	43	83628	45.851	ug/L 97
16) Methylene chloride	2.53	84	223483	42.030	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	448154	50.573	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	190297	52.654	ug/L 93
19) 1,1-Dichloroethane	3.23	63	312842	50.947	ug/L 98
21) 2-Butanone	4.01	43	112243	89.913	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	207400	51.682	ug/L 95
23) Bromochloromethane	4.30	128	105344	54.103	ug/L 97
25) Chloroform	4.42	83	360737	52.422	ug/L 99
27) 1,2-Dichloroethane	5.18	62	237386	50.572	ug/L 99
30) Cyclohexane	4.72	56	275588	51.712	ug/L 99
31) 1,1,1-Trichloroethane	4.66	97	313890	52.133	ug/L 98
32) Carbon tetrachloride	4.87	117	292812	54.410	ug/L 100
34) Benzene	5.15	78	738849	51.177	ug/L 100
35) Trichloroethene	5.96	95	214331	51.578	ug/L 98
36) Methylcyclohexane	6.18	83	333030	53.496	ug/L 98
40) 1,2-Dichloropropane	6.22	63	180249	49.413	ug/L 100
41) Bromodichloromethane	6.55	83	254297	53.605	ug/L 99
42) cis-1,3-Dichloropropene	7.07	75	301957	57.185	ug/L 100
43) 4-Methyl-2-pentanone	7.27	43	241871	89.617	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041019\
 Data File : VV010213.D
 Acq On : 10 Apr 2019 13:32
 Operator : SY/MD
 Sample : VSTD05091
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Apr 10 14:04:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 13:55:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	852825	52.633	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	256417	57.097	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	156788	48.473	ug/L	98
47) Tetrachloroethene	8.02	164	189371	54.443	ug/L	97
49) 2-Hexanone	8.18	43	164804	85.490	ug/L	97
50) Dibromochloromethane	8.29	129	205166	56.584	ug/L	99
51) 1,2-Dibromoethane	8.40	107	161346	50.475	ug/L	97
52) Chlorobenzene	8.92	112	580351	52.511	ug/L	98
53) Ethylbenzene	9.05	91	942239	53.031	ug/L	100
54) m,p-Xylene	9.18	106	383177	55.408	ug/L	100
55) o-xylene	9.59	106	367540	54.858	ug/L	96
56) Styrene	9.60	104	622311	56.151	ug/L	100
57) Isopropylbenzene	9.97	105	957169	54.172	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	192312	46.292	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	138770	46.584	ug/L	97
62) Bromoform	9.77	173	122032	55.255	ug/L	96
63) 1,3-Dichlorobenzene	11.23	146	476150	51.661	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	483245	50.333	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	454859	50.237	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	26759	43.587	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	363497	53.109	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	271485	51.798	ug/L	96
69) Naphthalene	13.55	128	411873	47.234	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	250124	51.116	ug/L	99

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

