

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010979.D
 Acq On : 21 May 2019 02:06
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02566

Quant Time: May 21 04:08:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 04:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158657	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153506	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35486	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.48%
7) Chloroethane-d5	1.55	69	25310	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
10) 1,1-Dichloroethene-d2	2.12	63	69481	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.92%
20) 2-Butanone-d5	3.93	46	31812	50.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.94%
24) Chloroform-d	4.39	84	102143	24.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.07	65	57576	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	5.09	84	213014	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	6.11	67	67252	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.00%
37) Toluene-d8	7.36	98	190261	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.68%
38) trans-1,3-Dichloropropene-	7.66	79	25500	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.28%
39) 2-Hexanone-d5	8.13	63	20438	41.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60117	22.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	66649	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	41606	17.763	ug/L	97
3) Chloromethane	1.24	50	42704	20.127	ug/L	97
5) Vinyl chloride	1.31	62	42318	19.859	ug/L	98
6) Bromomethane	1.50	94	14034	18.888	ug/L	96
8) Chloroethane	1.57	64	23116	21.679	ug/L	97
9) Trichlorofluoromethane	1.75	101	64152	18.889	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.12	101	37584	19.406	ug/L	98
12) 1,1-Dichloroethene	2.13	96	34768	20.766	ug/L	91
13) Acetone	2.18	43	21629	35.937	ug/L	99
14) Carbon disulfide	2.30	76	94165	20.084	ug/L	98
15) Methyl Acetate	2.45	43	30247	26.156	ug/L	98
16) Methylene chloride	2.52	84	66997	24.606	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	148823	25.122	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	52567	22.759	ug/L	99
19) 1,1-Dichloroethane	3.22	63	100236	23.834	ug/L	96
21) 2-Butanone	4.02	43	38027	46.170	ug/L	97
22) cis-1,2-Dichloroethene	3.95	96	63952	24.868	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010979.D
 Acq On : 21 May 2019 02:06
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02566

Quant Time: May 21 04:08:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 04:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	32086	26.327	ug/L	85
25) Chloroform	4.42	83	114982	24.162	ug/L	100
27) 1,2-Dichloroethane	5.17	62	74729	25.545	ug/L	98
30) Cyclohexane	4.71	56	64528	20.230	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	82786	23.975	ug/L	99
32) Carbon tetrachloride	4.86	117	68319	21.696	ug/L	99
34) Benzene	5.14	78	231679	26.181	ug/L	100
35) Trichloroethene	5.95	95	60630	24.798	ug/L	99
36) Methylcyclohexane	6.17	83	77350	21.400	ug/L	97
40) 1,2-Dichloropropane	6.22	63	62429	26.844	ug/L	98
41) Bromodichloromethane	6.55	83	81866	26.337	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	87733	25.345	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	79683	47.798	ug/L	99
44) Toluene	7.43	91	248075	25.262	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	70252	24.093	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	53367	26.930	ug/L	96
47) Tetrachloroethene	8.02	164	41788	21.896	ug/L	96
49) 2-Hexanone	8.18	43	48885	40.162	ug/L	99
50) Dibromochloromethane	8.29	129	60539	25.955	ug/L	98
51) 1,2-Dibromoethane	8.39	107	48421	25.267	ug/L #	95
52) Chlorobenzene	8.92	112	167864	24.939	ug/L	99
53) Ethylbenzene	9.05	91	257402	24.056	ug/L	99
54) m,p-Xylene	9.18	106	99634	23.891	ug/L	98
55) o-xylene	9.59	106	101040	25.394	ug/L	97
56) Styrene	9.60	104	177812	25.930	ug/L	99
57) Isopropylbenzene	9.97	105	249985	23.816	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	61104	23.418	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	45090	23.524	ug/L	100
62) Bromoform	9.77	173	32642	26.293	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	116545	24.433	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	121446	24.722	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	117672	25.443	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8779	23.894	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	80501	23.007	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	65320	23.619	ug/L	99
69) Naphthalene	13.55	128	136009	24.533	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	64108	23.744	ug/L	99

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

