

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV033019\
 Data File : VV010016.D
 Acq On : 30 Mar 2019 12:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02574

Quant Time: Mar 30 23:24:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 04:13:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	188142	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180866	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89294	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80127	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	1.57	69	88996	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.32%
10) 1,1-Dichloroethene-d2	2.13	63	255579	24.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.88%
20) 2-Butanone-d5	3.94	46	33441	47.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.00%
24) Chloroform-d	4.40	84	123799	25.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.32%
26) 1,2-Dichloroethane-d4	5.08	65	72208	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.12%
29) Benzene-d6	5.10	84	246487	25.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.80%
33) 1,2-Dichloropropane-d6	6.12	67	73193	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	7.36	98	234764	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.44%
38) trans-1,3-Dichloropropene-	7.66	79	30334	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.72%
39) 2-Hexanone-d5	8.13	63	25800	49.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67181	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	84212	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	66880	22.961	ug/L	99
3) Chloromethane	1.25	50	71450	21.225	ug/L	99
5) Vinyl chloride	1.33	62	101366	23.159	ug/L	100
6) Bromomethane	1.51	94	93524	21.423	ug/L	98
8) Chloroethane	1.59	64	76167	20.200	ug/L	99
9) Trichlorofluoromethane	1.76	101	233344	24.999	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	134631	24.815	ug/L	98
12) 1,1-Dichloroethene	2.14	96	117595	25.550	ug/L	95
13) Acetone	2.18	43	42493	39.449	ug/L	99
14) Carbon disulfide	2.32	76	137684	22.111	ug/L	99
15) Methyl Acetate	2.46	43	26277	20.826	ug/L	94
16) Methylene chloride	2.53	84	60145	19.412	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	132022	21.984	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	58096	23.566	ug/L	90
19) 1,1-Dichloroethane	3.23	63	105387	23.376	ug/L	97
21) 2-Butanone	4.01	43	37207	38.784	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	64674	23.760	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV033019\
 Data File : VV010016.D
 Acq On : 30 Mar 2019 12:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02574

Quant Time: Mar 30 23:24:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 04:13:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	30144	23.984	ug/L	95
25) Chloroform	4.42	83	124843	25.045	ug/L	100
27) 1,2-Dichloroethane	5.18	62	84074	23.805	ug/L	98
30) Cyclohexane	4.72	56	93571	25.658	ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	103765	28.668	ug/L	98
32) Carbon tetrachloride	4.87	117	90969	28.915	ug/L	97
34) Benzene	5.14	78	251593	25.332	ug/L	100
35) Trichloroethene	5.96	95	67258	25.673	ug/L	97
36) Methylcyclohexane	6.17	83	108789	26.467	ug/L	97
40) 1,2-Dichloropropane	6.22	63	60486	24.372	ug/L #	95
41) Bromodichloromethane	6.55	83	80331	26.027	ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	91175	25.198	ug/L	97
43) 4-Methyl-2-pentanone	7.27	43	78736	44.457	ug/L	100
44) Toluene	7.43	91	276940	25.293	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	73111	24.683	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	48735	23.743	ug/L	98
47) Tetrachloroethene	8.02	164	51258	24.795	ug/L	91
49) 2-Hexanone	8.18	43	56450	47.160	ug/L	96
50) Dibromochloromethane	8.29	129	51810	24.343	ug/L	94
51) 1,2-Dibromoethane	8.40	107	46661	23.412	ug/L #	95
52) Chlorobenzene	8.92	112	181485	24.898	ug/L	99
53) Ethylbenzene	9.05	91	306364	25.365	ug/L	97
54) m,p-Xylene	9.18	106	117307	24.728	ug/L	88
55) o-xylene	9.59	106	112932	24.526	ug/L	93
56) Styrene	9.60	104	196398	24.832	ug/L	96
57) Isopropylbenzene	9.97	105	309287	25.892	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	61325	22.165	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	45189	22.630	ug/L	97
62) Bromoform	9.78	173	26262	22.865	ug/L	96
63) 1,3-Dichlorobenzene	11.23	146	132839	24.052	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	139712	23.277	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	127907	23.466	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7600	22.309	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	97841	24.945	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	72188	24.950	ug/L	97
69) Naphthalene	13.55	128	102345	21.280	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	66516	24.178	ug/L	98

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

