

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030519\
 Data File : VV009489.D
 Acq On : 05 Mar 2019 15:49
 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: Mar 06 04:06:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 06 03:58:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	174674	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82456	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59709	28.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	87297	28.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.84%
10) 1,1-Dichloroethene-d2	2.13	63	147688	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.96%
20) 2-Butanone-d5	3.95	46	32339	45.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.26%
24) Chloroform-d	4.40	84	110718	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	5.08	65	62179	26.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.08%
29) Benzene-d6	5.10	84	222252	26.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.76%
33) 1,2-Dichloropropane-d6	6.12	67	64807	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.48%
37) Toluene-d8	7.36	98	221573	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.20%
38) trans-1,3-Dichloropropene-	7.66	79	31128	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.56%
39) 2-Hexanone-d5	8.14	63	24554	43.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	63525	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	78313	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	58392	29.033	ug/L	98
3) Chloromethane	1.25	50	63171	29.471	ug/L	97
5) Vinyl chloride	1.32	62	69222	29.293	ug/L	99
6) Bromomethane	1.54	94	60817	20.673	ug/L	98
8) Chloroethane	1.60	64	80595	30.691	ug/L	99
9) Trichlorofluoromethane	1.77	101	143790	29.663	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	76959	28.353	ug/L	98
12) 1,1-Dichloroethene	2.14	96	65825	28.345	ug/L	96
13) Acetone	2.21	43	34253	47.019	ug/L	99
14) Carbon disulfide	2.32	76	172079	29.234	ug/L	99
15) Methyl Acetate	2.47	43	26430	22.404	ug/L	96
16) Methylene chloride	2.53	84	58809	25.654	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	139837	26.890	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	61356	29.413	ug/L	95
19) 1,1-Dichloroethane	3.23	63	105610	28.733	ug/L	99
21) 2-Butanone	4.03	43	41390	45.018	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	70441	29.912	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030519\
 Data File : VV009489.D
 Acq On : 05 Mar 2019 15:49
 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: Mar 06 04:06:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 06 03:58:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	30220	27.830	ug/L	90
25) Chloroform	4.42	83	117515	28.649	ug/L	100
27) 1,2-Dichloroethane	5.18	62	78147	27.431	ug/L	100
30) Cyclohexane	4.72	56	99548	28.163	ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	106822	28.691	ug/L	97
32) Carbon tetrachloride	4.87	117	88857	28.229	ug/L	99
34) Benzene	5.14	78	246683	28.664	ug/L	100
35) Trichloroethene	5.96	95	70018	28.310	ug/L	99
36) Methylcyclohexane	6.17	83	116438	28.900	ug/L	98
40) 1,2-Dichloropropane	6.22	63	59652	26.883	ug/L	100
41) Bromodichloromethane	6.55	83	86940	29.027	ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	98592	28.619	ug/L	95
43) 4-Methyl-2-pentanone	7.28	43	84824	48.493	ug/L	100
44) Toluene	7.43	91	282168	29.006	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	85797	28.517	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	51281	27.817	ug/L	96
47) Tetrachloroethene	8.02	164	54479	29.041	ug/L	96
49) 2-Hexanone	8.19	43	65320	49.383	ug/L	98
50) Dibromochloromethane	8.29	129	62536	28.019	ug/L	96
51) 1,2-Dibromoethane	8.40	107	51598	27.089	ug/L	97
52) Chlorobenzene	8.93	112	184220	28.570	ug/L	98
53) Ethylbenzene	9.05	91	319326	28.686	ug/L	99
54) m,p-Xylene	9.18	106	123684	29.356	ug/L	94
55) o-xylene	9.59	106	119037	29.300	ug/L	94
56) Styrene	9.60	104	198209	29.655	ug/L	100
57) Isopropylbenzene	9.97	105	326309	29.120	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	67735	26.021	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	47624	25.379	ug/L	98
62) Bromoform	9.77	173	35386	26.446	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	146459	28.436	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	145308	27.608	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	135485	28.207	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11399	23.694	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	106872	28.928	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	85673	28.964	ug/L	99
69) Naphthalene	13.55	128	171588	27.541	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	77577	28.509	ug/L	98

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

