

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022119\
 Data File : VV009315.D
 Acq On : 21 Feb 2019 09:54
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02575

Quant Time: Feb 22 04:51:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 21 03:53:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142217	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134428	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66916	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41970	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	1.58	69	52818	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
10) 1,1-Dichloroethene-d2	2.13	63	104581	22.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.92%
20) 2-Butanone-d5	3.95	46	28279	42.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.42%
24) Chloroform-d	4.40	84	75314	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	40727	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.96%
29) Benzene-d6	5.10	84	155636	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	6.12	67	46151	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	7.36	98	150222	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
38) trans-1,3-Dichloropropene-	7.66	79	22836	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.64%
39) 2-Hexanone-d5	8.14	63	22390	40.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49407	22.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	55857	22.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	38968	23.475	ug/L 97
3) Chloromethane	1.25	50	47915	23.627	ug/L 98
5) Vinyl chloride	1.32	62	56808	24.702	ug/L 100
6) Bromomethane	1.53	94	48049	22.451	ug/L 100
8) Chloroethane	1.60	64	50669	26.102	ug/L 99
9) Trichlorofluoromethane	1.77	101	102085	23.578	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56528	22.830	ug/L 99
12) 1,1-Dichloroethene	2.14	96	48925	23.447	ug/L 97
13) Acetone	2.21	43	33923	52.407	ug/L 98
14) Carbon disulfide	2.32	76	131514	23.554	ug/L 99
15) Methyl Acetate	2.47	43	21146	22.404	ug/L 98
16) Methylene chloride	2.54	84	41026	19.070	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	99445	21.516	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	41187	21.911	ug/L 96
19) 1,1-Dichloroethane	3.23	63	70371	22.539	ug/L 99
21) 2-Butanone	4.03	43	35234	47.514	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	47632	23.196	ug/L 87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022119\
 Data File : VV009315.D
 Acq On : 21 Feb 2019 09:54
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02575

Quant Time: Feb 22 04:51:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 21 03:53:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21210	22.570	ug/L	97
25) Chloroform	4.43	83	74648	22.468	ug/L	97
27) 1,2-Dichloroethane	5.18	62	49429	21.971	ug/L	98
30) Cyclohexane	4.72	56	70346	22.575	ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	68248	22.481	ug/L	99
32) Carbon tetrachloride	4.87	117	57547	22.431	ug/L	100
34) Benzene	5.14	78	166782	22.690	ug/L	100
35) Trichloroethene	5.96	95	45267	22.141	ug/L	99
36) Methylcyclohexane	6.18	83	78764	22.025	ug/L	98
40) 1,2-Dichloropropane	6.22	63	39023	21.874	ug/L	100
41) Bromodichloromethane	6.55	83	55559	21.867	ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	68868	22.747	ug/L	99
43) 4-Methyl-2-pentanone	7.28	43	64476	43.054	ug/L	98
44) Toluene	7.43	91	183574	22.518	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	58234	21.966	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	34747	21.872	ug/L	97
47) Tetrachloroethene	8.02	164	37562	23.507	ug/L	96
49) 2-Hexanone	8.19	43	51293	44.536	ug/L	96
50) Dibromochloromethane	8.29	129	42793	22.340	ug/L	99
51) 1,2-Dibromoethane	8.40	107	35804	22.471	ug/L	97
52) Chlorobenzene	8.93	112	122914	23.155	ug/L	100
53) Ethylbenzene	9.05	91	209088	22.703	ug/L	99
54) m,p-Xylene	9.18	106	81379	22.646	ug/L	98
55) o-xylene	9.59	106	79117	23.455	ug/L	98
56) Styrene	9.60	104	133196	23.011	ug/L	98
57) Isopropylbenzene	9.97	105	213559	22.871	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	49706	22.172	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	34919	21.737	ug/L	99
62) Bromoform	9.77	173	27013	21.835	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	95637	22.249	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	94561	22.069	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	89284	22.152	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8679	19.389	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	69766	22.430	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	56637	22.317	ug/L	99
69) Naphthalene	13.55	128	114966	21.134	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	51471	21.976	ug/L	98

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

