

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121918\
 Data File : VV009045.D
 Acq On : 19 Dec 2018 11:02
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02567

Quant Time: Dec 20 01:56:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	287237	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120813	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64943	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	60168	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.60%
10) 1,1-Dichloroethene-d2	2.13	63	183636	24.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.84%
20) 2-Butanone-d5	3.93	46	45359	41.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.82%
24) Chloroform-d	4.40	84	160059	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	5.08	65	86788	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.12%
29) Benzene-d6	5.10	84	315522	22.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.60%
33) 1,2-Dichloropropane-d6	6.12	67	91834	23.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.20%
37) Toluene-d8	7.36	98	295332	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
38) trans-1,3-Dichloropropene-	7.66	79	41630	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.16%
39) 2-Hexanone-d5	8.14	63	27353	38.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73868	22.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	103121	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	94371	20.043	ug/L 100
3) Chloromethane	1.25	50	73280	22.649	ug/L 98
5) Vinyl chloride	1.32	62	79306	21.956	ug/L 100
6) Bromomethane	1.53	94	49764	28.656	ug/L 98
8) Chloroethane	1.60	64	55984	27.674	ug/L 98
9) Trichlorofluoromethane	1.77	101	169576	27.410	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	102246	24.097	ug/L 98
12) 1,1-Dichloroethene	2.14	96	88338	23.858	ug/L 90
13) Acetone	2.20	43	71851	45.064	ug/L 99
14) Carbon disulfide	2.32	76	258943	21.779	ug/L 100
15) Methyl Acetate	2.46	43	40743	20.152	ug/L 98
16) Methylene chloride	2.53	84	90098	18.627	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	193133	22.959	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	91152	22.782	ug/L 99
19) 1,1-Dichloroethane	3.23	63	150727	23.239	ug/L 99
21) 2-Butanone	4.02	43	68158	45.609	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	97080	23.271	ug/L 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121918\
 Data File : VV009045.D
 Acq On : 19 Dec 2018 11:02
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02567

Quant Time: Dec 20 01:56:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	44460	22.612	ug/L	97
25) Chloroform	4.42	83	164484	23.630	ug/L	100
27) 1,2-Dichloroethane	5.17	62	110462	23.296	ug/L	99
30) Cyclohexane	4.72	56	140623	22.389	ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	152845	23.767	ug/L	99
32) Carbon tetrachloride	4.87	117	137151	23.360	ug/L	99
34) Benzene	5.14	78	342221	22.900	ug/L	100
35) Trichloroethene	5.96	95	104977	23.300	ug/L	99
36) Methylcyclohexane	6.17	83	163918	22.812	ug/L	99
40) 1,2-Dichloropropane	6.22	63	79649	22.207	ug/L	100
41) Bromodichloromethane	6.55	83	112806	23.863	ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	133406	25.406	ug/L	96
43) 4-Methyl-2-pentanone	7.27	43	97580	40.252	ug/L	99
44) Toluene	7.43	91	365085	23.295	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	111637	24.388	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	69607	23.292	ug/L	99
47) Tetrachloroethene	8.02	164	83424	22.769	ug/L	97
49) 2-Hexanone	8.19	43	80626	40.201	ug/L	97
50) Dibromochloromethane	8.29	129	84483	24.662	ug/L	99
51) 1,2-Dibromoethane	8.40	107	67821	22.599	ug/L	100
52) Chlorobenzene	8.93	112	238163	23.338	ug/L	98
53) Ethylbenzene	9.05	91	410188	24.126	ug/L	98
54) m,p-Xylene	9.18	106	153151	23.790	ug/L	97
55) o-xylene	9.59	106	146596	24.509	ug/L	97
56) Styrene	9.60	104	242901	25.173	ug/L	99
57) Isopropylbenzene	9.97	105	405238	24.927	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	73380	22.713	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	61438	21.978	ug/L	100
62) Bromoform	9.77	173	49218	22.564	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	183579	23.581	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	185784	23.191	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	167912	23.397	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	11438	19.453	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	128066	22.775	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	93179	23.650	ug/L	99
69) Naphthalene	13.55	128	149024	21.960	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	82113	22.561	ug/L	99

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

