

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011068.D
 Acq On : 28 May 2019 17:30
 Operator : SY/MD
 Sample : K3016-11MS
 Misc : 5.87G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C9MS

Quant Time: May 29 13:07:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	454824	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114757	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149591	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
7) Chloroethane-d5	1.56	69	109132	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
10) 1,1-Dichloroethene-d2	2.12	63	290542	25.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.20%
20) 2-Butanone-d5	3.94	46	148425	69.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.12%#
24) Chloroform-d	4.40	84	274080	24.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	179088	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	5.09	84	602291	27.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.12%
33) 1,2-Dichloropropane-d6	6.12	67	194637	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.84%
37) Toluene-d8	7.36	98	530080	26.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.08%
38) trans-1,3-Dichloropropene-	7.66	79	88793	27.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.52%
39) 2-Hexanone-d5	8.13	63	118557	78.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.76%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	161373	27.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	105881	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	110626	24.227	ug/L	99
13) Acetone	2.19	43	238656	98.021	ug/L	100
15) Methyl Acetate	2.46	43	38025	10.820	ug/L #	100
21) 2-Butanone	4.03	43	17909	5.973	ug/L	94
34) Benzene	5.14	78	604088	26.974	ug/L	100
35) Trichloroethene	5.96	95	145490	24.874	ug/L	99
44) Toluene	7.43	91	629123	25.837	ug/L	99
52) Chlorobenzene	8.92	112	350829	23.249	ug/L	99

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

