

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011113.D
 Acq On : 29 May 2019 18:08
 Operator : SY/MD
 Sample : K3017-18MS
 Misc : 4.25G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F0MS

Quant Time: May 30 04:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 03:51:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344093	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	293598	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96760	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111929	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
7) Chloroethane-d5	1.56	69	86447	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.68%
10) 1,1-Dichloroethene-d2	2.12	63	228607	26.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.20%
20) 2-Butanone-d5	3.94	46	109205	67.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.32%
24) Chloroform-d	4.40	84	212220	25.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.72%
26) 1,2-Dichloroethane-d4	5.08	65	140891	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.64%
29) Benzene-d6	5.09	84	433953	25.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.96%
33) 1,2-Dichloropropane-d6	6.12	67	145498	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.40%
37) Toluene-d8	7.36	98	390416	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	7.66	79	64406	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.12%
39) 2-Hexanone-d5	8.13	63	91279	76.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.22%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	126664	26.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	84844	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	98814	28.604	ug/L	93
13) Acetone	2.19	43	82688	44.891	ug/L	98
15) Methyl Acetate	2.46	43	17439	6.559	ug/L #	100
21) 2-Butanone	4.04	43	10199	4.496	ug/L	84
34) Benzene	5.14	78	486846	27.422	ug/L	100
35) Trichloroethene	5.96	95	117411	25.321	ug/L	99
44) Toluene	7.43	91	505688	26.197	ug/L	98
52) Chlorobenzene	8.92	112	290074	24.248	ug/L	99

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

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