

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011114.D
 Acq On : 29 May 2019 18:36
 Operator : SY/MD
 Sample : K3017-19MSD
 Misc : 4.47G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F0MSD

Quant Time: May 30 04:41:24 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	377628	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315348	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98428	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109282	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.44%
7) Chloroethane-d5	1.56	69	86571	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
10) 1,1-Dichloroethene-d2	2.12	63	223845	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.96%
20) 2-Butanone-d5	3.93	46	119055	66.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.44%
24) Chloroform-d	4.40	84	207954	22.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	5.08	65	140058	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	5.09	84	430977	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	6.11	67	145021	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	7.36	98	380326	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.40%
38) trans-1,3-Dichloropropene-	7.66	79	63379	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.64%
39) 2-Hexanone-d5	8.13	63	92250	72.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.16%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	123999	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	78361	20.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.52%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.13	96	94088	24.817 ug/L	99
13) Acetone	2.19	43	123288	60.988 ug/L	99
15) Methyl Acetate	2.45	43	76249	26.132 ug/L #	100
21) 2-Butanone	4.03	43	14675	5.895 ug/L	95
34) Benzene	5.14	78	467507	24.516 ug/L	100
35) Trichloroethene	5.96	95	114588	23.008 ug/L	99
44) Toluene	7.43	91	491086	23.686 ug/L	97
52) Chlorobenzene	8.92	112	278042	21.639 ug/L	98

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

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