

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011091.D
 Acq On : 29 May 2019 05:56
 Operator : SY/MD
 Sample : K3016-20RE
 Misc : 4.90G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D7RE

Quant Time: May 29 07:47:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 07:13:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	360318	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	295465	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84896	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118872	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
7) Chloroethane-d5	1.56	69	91106	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.36%
10) 1,1-Dichloroethene-d2	2.12	63	177678	19.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.36%
20) 2-Butanone-d5	3.93	46	124683	73.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.46%#
24) Chloroform-d	4.39	84	250828	28.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.84%
26) 1,2-Dichloroethane-d4	5.08	65	165919	29.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.80%
29) Benzene-d6	5.09	84	504809	29.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.72%
33) 1,2-Dichloropropane-d6	6.11	67	169378	30.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.08%#
37) Toluene-d8	7.36	98	413197	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloropropene-	7.66	79	67142	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.72%
39) 2-Hexanone-d5	8.13	63	89107	74.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.62%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	144052	30.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.76%#
61) 1,2-Dichlorobenzene-d4	11.67	152	81940	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds					Ovalue
13) Acetone	2.18	43	147381	76.409 ug/L	99
15) Methyl Acetate	2.45	43	80459	28.900 ug/L #	100
21) 2-Butanone	4.02	43	15715	6.616 ug/L	86

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

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