

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009915.D
 Acq On : 27 Mar 2019 00:41
 Operator : SY/MD
 Sample : K2101-08
 Misc : 6.22G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K6

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:43:22 PM

Quant Time: Mar 27 04:25:24 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 27 01:42:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122521	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59627	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
7) Chloroethane-d5	1.58	69	106833	39.78	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	159.12%#
10) 1,1-Dichloroethene-d2	2.13	63	131585	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.40%
20) 2-Butanone-d5	3.95	46	32471	70.09	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.18%#
24) Chloroform-d	4.40	84	95642	30.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.56%
26) 1,2-Dichloroethane-d4	5.08	65	63870	34.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.00%#
29) Benzene-d6	5.10	84	189172	27.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.72%
33) 1,2-Dichloropropane-d6	6.12	67	61718	30.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.36%#
37) Toluene-d8	7.36	98	172912	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.96%
38) trans-1,3-Dichloropropene-	7.67	79	20412	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	8.14	63	24690	65.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59588	29.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	64284	28.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.68%

Target Compounds					Qvalue
16) Methylene chloride	2.54	84	3286	1.629 ug/L	87
35) Trichloroethene	5.96	95	2010m	1.057 ug/L	

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

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