

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009911.D
 Acq On : 26 Mar 2019 22:57
 Operator : SY/MD
 Sample : K2101-04
 Misc : 6.42G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K2

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:43:12 PM

Quant Time: Mar 27 04:21:59 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	123021	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54867	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70687	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.28%
7) Chloroethane-d5	1.58	69	121286	44.98	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	179.92%#
10) 1,1-Dichloroethene-d2	2.13	63	144563	21.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.68%
20) 2-Butanone-d5	3.95	46	26887m	57.80	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.60%
24) Chloroform-d	4.40	84	86948	27.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.96%
26) 1,2-Dichloroethane-d4	5.08	65	54294	28.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.12%
29) Benzene-d6	5.10	84	176619	27.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.84%
33) 1,2-Dichloropropane-d6	6.12	67	53784	28.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.32%
37) Toluene-d8	7.36	98	157730	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloropropene-	7.66	79	18327	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	8.14	63	18986	54.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48753	26.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	56987	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%

Target Compounds					Qvalue
16) Methylene chloride	2.54	84	3420	1.688 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	21731	12.210 ug/L	95
35) Trichloroethene	5.96	95	13786	7.772 ug/L	95

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

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