

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009912.D
 Acq On : 26 Mar 2019 23:23
 Operator : SY/MD
 Sample : K2101-05
 Misc : 5.83G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K3

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:43:17 PM

Quant Time: Mar 27 04:22:42 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	5.66	114	128996	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61845	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
7) Chloroethane-d5	1.58	69	70199	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	2.13	63	134500	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.12%
20) 2-Butanone-d5	3.94	46	25769	52.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.66%
24) Chloroform-d	4.41	84	82581	25.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	5.08	65	51655	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.48%
29) Benzene-d6	5.10	84	172317	25.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.96%
33) 1,2-Dichloropropane-d6	6.12	67	52146	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.44%
37) Toluene-d8	7.36	98	149426	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	7.67	79	16978	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	8.14	63	18669	50.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45410	23.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	55798	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds					Qvalue
16) Methylene chloride	2.54	84	3433	1.616 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	9971m	5.343 ug/L	
35) Trichloroethene	5.96	95	6823	3.659 ug/L	96

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

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