

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009903.D
 Acq On : 26 Mar 2019 19:28
 Operator : SY/MD
 Sample : K2083-16
 Misc : 5.82G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J3

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:42:56 PM

Quant Time: Mar 27 02:28:53 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	132579	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63807	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.88%
7) Chloroethane-d5	1.57	69	67918	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	2.13	63	139179	18.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.64%
20) 2-Butanone-d5	3.93	46	29305	58.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.90%
24) Chloroform-d	4.40	84	63713	18.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.44%
26) 1,2-Dichloroethane-d4	5.08	65	53324	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.92%
29) Benzene-d6	5.10	84	175221	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	6.12	67	53427	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.96%
37) Toluene-d8	7.36	98	158892	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.48%
38) trans-1,3-Dichloropropene-	7.66	79	18857	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.56%
39) 2-Hexanone-d5	8.13	63	20917	55.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51873	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	54803	25.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.36%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	2595	1.189 ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	8196	4.273 ug/L	86
25) Chloroform	4.42	83	20242m	5.763 ug/L	
35) Trichloroethene	5.97	95	3158	1.645 ug/L	91

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

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