

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009909.D
 Acq On : 26 Mar 2019 22:05
 Operator : SY/MD
 Sample : K2101-02
 Misc : 5.72G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K0

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:43:07 PM

Quant Time: Mar 27 04:21:05 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	157966	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	156498	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64170	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82736	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.24%
7) Chloroethane-d5	1.57	69	92567	26.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.96%
10) 1,1-Dichloroethene-d2	2.13	63	176040	20.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.32%
20) 2-Butanone-d5	3.93	46	33478m	56.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.08%
24) Chloroform-d	4.40	84	75248	18.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.80%
26) 1,2-Dichloroethane-d4	5.08	65	68557	28.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.24%
29) Benzene-d6	5.10	84	237082	28.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.40%
33) 1,2-Dichloropropane-d6	6.12	67	72019	29.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.80%
37) Toluene-d8	7.36	98	208525	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.24%
38) trans-1,3-Dichloropropene-	7.66	79	23777	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	8.13	63	23610	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58881	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	69338	28.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.52%

Target Compounds

					Qvalue
13) Acetone	2.18	43	8327	9.207 ug/L	96
16) Methylene chloride	2.53	84	3382	1.300 ug/L	92
18) trans-1,2-Dichloroethene	2.79	96	4447	2.149 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	33443	14.633 ug/L	95
25) Chloroform	4.43	83	41293	9.867 ug/L	95
35) Trichloroethene	5.97	95	2213m	0.976 ug/L	

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

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