

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009050.D
 Acq On : 19 Dec 2018 15:03
 Operator : SY/MD
 Sample : J6418-09
 Misc : 3.61G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF004

Quant Time: Dec 20 02:52:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	231737	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192453	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66723	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	57685	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
7) Chloroethane-d5	1.58	69	61896	34.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.76%
10) 1,1-Dichloroethene-d2	2.13	63	111534	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.40%
20) 2-Butanone-d5	3.93	46	27381	31.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.72%
24) Chloroform-d	4.40	84	143268	25.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	5.08	65	79530	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.64%
29) Benzene-d6	5.10	84	286771	26.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.72%
33) 1,2-Dichloropropane-d6	6.12	67	83396	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.84%
37) Toluene-d8	7.36	98	250217	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	7.66	79	30111	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	8.13	63	16350	29.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50866	20.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	58812	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

Target Compounds					Qvalue
13) Acetone	2.20	43	7457	5.797 ug/L	93
16) Methylene chloride	2.53	84	6454	1.654 ug/L	92

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

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