

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013058.D
 Acq On : 08 Oct 2019 14:17
 Operator : SY/MD
 Sample : K5262-02
 Misc : 5.16G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB69

Quant Time: Oct 09 09:00:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	529469	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	360417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166522	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	1.58	69	156385	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	2.13	63	216791	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	3.94	46	128599	45.34	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.68%
24) Chloroform-d	4.40	84	352026	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	205542	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	5.10	84	678925	33.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.96%
33) 1,2-Dichloropropane-d6	6.12	67	232252	36.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.28%#
37) Toluene-d8	7.36	98	467263	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.32%
38) trans-1,3-Dichloropropene-	7.66	79	59304	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	77073	60.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	177362	29.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	85104	30.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.68%#

Target Compounds

					Ovalue
13) Acetone	2.20	43	3763	1.248 ug/L	100
16) Methylene chloride	2.54	84	13258	1.675 ug/L	94
47) Tetrachloroethene	8.02	164	8312	1.830 ug/L	93

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

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