

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010361.D
 Acq On : 18 Apr 2019 20:54
 Operator : SY/MD
 Sample : K2403-20
 Misc : 6.92G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5132

Quant Time: Apr 19 08:31:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264795	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61095	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.68%
7) Chloroethane-d5	1.57	69	55490	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
10) 1,1-Dichloroethene-d2	2.13	63	122088	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	3.93	46	69078	65.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.94%
24) Chloroform-d	4.40	84	154292	22.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.08	65	105658	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%
29) Benzene-d6	5.10	84	282427	20.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.00%
33) 1,2-Dichloropropane-d6	6.12	67	91395	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
37) Toluene-d8	7.36	98	273900	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.72%
38) trans-1,3-Dichloropropene-	7.66	79	41505	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	8.13	63	55437	61.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	120440	29.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	119964	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

					Ovalue
13) Acetone	2.20	43	3094	2.800 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	3993	1.224 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	378144	101.727 ug/L	99
35) Trichloroethene	5.96	95	183391	46.628 ug/L	98

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

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