

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010359.D
 Acq On : 18 Apr 2019 20:02
 Operator : SY/MD
 Sample : K2403-18MS
 Misc : 6.26G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5131MS

Quant Time: Apr 19 08:24:07 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	304297	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71752	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
7) Chloroethane-d5	1.58	69	66899	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	2.13	63	194969	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.64%
20) 2-Butanone-d5	3.94	46	53292	44.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.58%
24) Chloroform-d	4.40	84	179237	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	107551	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.08%
29) Benzene-d6	5.10	84	336380	21.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.28%
33) 1,2-Dichloropropane-d6	6.12	67	107226	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.00%
37) Toluene-d8	7.36	98	314512	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.92%
38) trans-1,3-Dichloropropene-	7.66	79	44803	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	8.13	63	43395	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	104571	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	135129	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	97812	24.743 ug/L	96
34) Benzene	5.15	78	386668	26.009 ug/L	100
35) Trichloroethene	5.96	95	106620	24.241 ug/L	97
44) Toluene	7.43	91	437568	26.108 ug/L	99
52) Chlorobenzene	8.93	112	311063	26.674 ug/L	99

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

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