

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010263.D
 Acq On : 12 Apr 2019 01:28
 Operator : SY/MD
 Sample : K2354-04
 Misc : 5.39G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF159

Quant Time: Apr 12 05:36:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221335	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49888	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45241	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.04%
7) Chloroethane-d5	1.57	69	46855	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
10) 1,1-Dichloroethene-d2	2.12	63	85729	13.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.88%
20) 2-Butanone-d5	3.93	46	31355	48.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.26%
24) Chloroform-d	4.40	84	113074	22.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.08	65	68009	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	5.10	84	216278	26.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.52%
33) 1,2-Dichloropropane-d6	6.12	67	68529	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.32%
37) Toluene-d8	7.36	98	179213	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	7.66	79	21350	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.20%
39) 2-Hexanone-d5	8.13	63	17128	40.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51907	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	38168	20.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.88%

Target Compounds					Qvalue
13) Acetone	2.18	43	1909	2.771 ug/L	86
16) Methylene chloride	2.53	84	8821	2.035 ug/L	96
47) Tetrachloroethene	8.02	164	2755	1.236 ug/L	87

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

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