

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111119\
 Data File : VY000638.D
 Acq On : 11 Nov 2019 14:01
 Operator : SY/MD
 Sample : K4649-01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167RE

Quant Time: Nov 12 04:58:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 04:50:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	375446	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	343678	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	157960	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	137744	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
7) Chloroethane-d5	2.76	69	119388	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
11) 1,1-Dichloroethene-d2	3.85	63	183745	18.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.04%
21) 2-Butanone-d5	6.90	46	106359	42.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.70%
24) Chloroform-d	7.49	84	228643	23.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	8.16	65	139421	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	8.12	84	492923	24.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	9.13	67	155029	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.36%
41) Toluene-d8	10.18	98	453433	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.16%
43) trans-1,3-Dichloropropene-	10.44	79	72339	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
47) 2-Hexanone-d5	10.79	63	81674	43.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.16%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	140436	21.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.68%
66) 1,2-Dichlorobenzene-d4	13.72	152	154619	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds					Ovalue
16) Methylene chloride	4.73	84	7297	1.193 ug/L	# 66

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

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