

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110519\
 Data File : VY000537.D
 Acq On : 05 Nov 2019 15:22
 Operator : SY/MD
 Sample : K5202-05
 Misc : 5.26G/10ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:58:14 AM

Quant Time: Nov 06 07:39:25 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M

Quant Title : VOC Analysis

QLast Update : Wed Nov 06 07:01:34 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	354258	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	312358	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	133894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	138532	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.68%
7) Chloroethane-d5	2.77	69	120775	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.76%
11) 1,1-Dichloroethene-d2	3.86	63	177518	18.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.80%
21) 2-Butanone-d5	6.91	46	81913	34.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.14%
24) Chloroform-d	7.49	84	220613	23.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	8.16	65	131884	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.64%
32) Benzene-d6	8.12	84	473128	26.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.76%
36) 1,2-Dichloropropane-d6	9.13	67	143672	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
41) Toluene-d8	10.18	98	426472	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	10.44	79	64673	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.12%
47) 2-Hexanone-d5	10.79	63	64747	37.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.16%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	120936	20.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.16%
66) 1,2-Dichlorobenzene-d4	13.72	152	126317	24.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.60%

Target Compounds					Qvalue
13) Acetone	3.98	43	11692	5.172 ug/L	86
16) Methylene chloride	4.72	84	9180m	1.590 ug/L	

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

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