

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111119\
 Data File : VY000640.D
 Acq On : 11 Nov 2019 14:44
 Operator : SY/MD
 Sample : K4649-03MSD
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MSD

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 1:44:14 PM

Quant Time: Nov 12 05:04:42 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	365410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	330826	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	154480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	138496	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
7) Chloroethane-d5	2.76	69	123204	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	3.85	63	255476	26.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.80%
21) 2-Butanone-d5	6.90	46	107038	43.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.58%
24) Chloroform-d	7.49	84	237494	24.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	8.15	65	141640	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
32) Benzene-d6	8.12	84	512903	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
36) 1,2-Dichloropropane-d6	9.13	67	156216	26.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.16%
41) Toluene-d8	10.18	98	464721	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.52%
43) trans-1,3-Dichloropropene-	10.44	79	72493	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.56%
47) 2-Hexanone-d5	10.79	63	83540	45.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.56%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	138686	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
66) 1,2-Dichlorobenzene-d4	13.72	152	163931	27.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.68%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.88	96	125810	25.920 ug/L	98
16) Methylene chloride	4.71	84	7068m	1.187 ug/L	
33) Benzene	8.17	78	574450	26.439 ug/L	100
34) Trichloroethene	8.94	95	142755	24.896 ug/L	97
42) Toluene	10.25	91	620647	26.748 ug/L	100
51) Chlorobenzene	11.52	112	387795	26.165 ug/L	99

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

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