

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111119\
 Data File : VY000639.D
 Acq On : 11 Nov 2019 14:22
 Operator : SY/MD
 Sample : K4649-02MS
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MS

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 1:44:10 PM

Quant Time: Nov 12 05:01:52 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	356441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	332901	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	154636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	141926	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.52%
7) Chloroethane-d5	2.76	69	127219	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
11) 1,1-Dichloroethene-d2	3.86	63	258598	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.76%
21) 2-Butanone-d5	6.90	46	117617	49.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.66%
24) Chloroform-d	7.49	84	246286	26.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	8.15	65	148724	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
32) Benzene-d6	8.12	84	529370	27.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	9.13	67	163288	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.32%
41) Toluene-d8	10.18	98	481865	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.72%
43) trans-1,3-Dichloropropene-	10.44	79	75057	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
47) 2-Hexanone-d5	10.79	63	90863	49.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.96%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	149159	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
66) 1,2-Dichlorobenzene-d4	13.72	152	166034	27.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.96%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.88	96	127902	27.014 ug/L	91
16) Methylene chloride	4.72	84	7156m	1.232 ug/L	
33) Benzene	8.17	78	567656	25.963 ug/L	100
34) Trichloroethene	8.94	95	144914	25.116 ug/L	97
42) Toluene	10.25	91	607725	26.028 ug/L	100
51) Chlorobenzene	11.52	112	383460	25.711 ug/L	99

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

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