

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000939.D
 Acq On : 13 Dec 2019 11:32
 Operator : SY/MD
 Sample : K4649-01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167

Manual Integrations
 APPROVED

apatel
 12/17/2019 2:47:34 PM

Quant Time: Dec 14 06:09:21 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Nov 12 09:49:35 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	477724	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	436547	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	204702	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	136762	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
7) Chloroethane-d5	2.75	69	137109	21.62	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
11) 1,1-Dichloroethene-d2	3.86	63	578931	45.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	183.36%#
21) 2-Butanone-d5	6.89	46	181301	56.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.48%
24) Chloroform-d	7.48	84	287065	23.06	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	8.14	65	169139m	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	8.11	84	637053	25.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.96%
36) 1,2-Dichloropropane-d6	9.12	67	210752	27.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.56%
41) Toluene-d8	10.17	98	575521	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.12%
43) trans-1,3-Dichloropropene-	10.44	79	90098	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
47) 2-Hexanone-d5	10.78	63	144352	59.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.90%
56) 1,1,2,2-Tetrachloroethane-	12.55	84	205582	24.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.72%
66) 1,2-Dichlorobenzene-d4	13.72	152	198745	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.87	96	711464	112.119 ug/L #	76
13) Acetone	3.94	43	8258	2.709 ug/L	97
16) Methylene chloride	4.71	84	7524m	0.966 ug/L	
33) Benzene	8.16	78	3372991	117.644 ug/L	100
34) Trichloroethene	8.94	95	826939	109.292 ug/L	93
42) Toluene	10.24	91	3554668	116.096 ug/L	99
51) Chlorobenzene	11.51	112	2262614	115.691 ug/L	97

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

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