

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009090.D
 Acq On : 20 Dec 2018 17:51
 Operator : SY/MD
 Sample : J6471-16
 Misc : 5.92 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9H03

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:04:23 AM

Quant Time: Dec 21 01:12:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 00:25:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	193543	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62804	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46214	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
7) Chloroethane-d5	1.58	69	50019	33.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.20%
10) 1,1-Dichloroethene-d2	2.13	63	92641	18.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.00%
20) 2-Butanone-d5	3.95	46	26518m	36.37	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.74%
24) Chloroform-d	4.40	84	124389	26.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	5.08	65	71615	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.84%
29) Benzene-d6	5.10	84	246309	26.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.08%
33) 1,2-Dichloropropane-d6	6.12	67	75234	28.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.72%
37) Toluene-d8	7.36	98	215452	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	7.67	79	28667	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.36%
39) 2-Hexanone-d5	8.14	63	16178	33.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49163	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	59013	25.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.16%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	7218	2.215 ug/L	93

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

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