

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020720\
 Data File : VW014912.D
 Acq On : 07 Feb 2020 11:42
 Operator : SY/VA
 Sample : L1386-14
 Misc : 6.59G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S12

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 5:41:33 PM

Quant Time: Feb 08 04:32:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 08 03:59:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	727138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	223790	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.36%
7) Chloroethane-d5	2.89	69	227015	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
10) 1,1-Dichloroethene-d2	4.02	63	346325	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.07	46	142760	42.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.52%
24) Chloroform-d	7.65	84	512744	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	290806m	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.80%
29) Benzene-d6	8.27	84	993532	22.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.00%
33) 1,2-Dichloropropane-d6	9.27	67	352211	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.32	98	844701	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.92%
38) trans-1,3-Dichloropropene-	10.57	79	112632	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.28%
39) 2-Hexanone-d5	10.93	63	93675	35.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	231590	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	242760	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds					Ovalue
13) Acetone	4.13	43	14126	4.051 ug/L	95
16) Methylene chloride	4.92	84	24626	1.859 ug/L	92

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

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