

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014948.D
 Acq On : 10 Feb 2020 17:37
 Operator : SY/VA
 Sample : L1416-05
 Misc : 4.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S33

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 6:10:32 PM

Quant Time: Feb 11 02:28:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	748399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	711032	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	255816	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235120	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
7) Chloroethane-d5	2.89	69	236575	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
10) 1,1-Dichloroethene-d2	4.01	63	380213	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.07	46	162668	46.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.56%
24) Chloroform-d	7.65	84	573292	26.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.92%
26) 1,2-Dichloroethane-d4	8.30	65	327962m	27.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.56%
29) Benzene-d6	8.27	84	1104257	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.27	67	394795	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	919814	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.44%
38) trans-1,3-Dichloropropene-	10.58	79	121581	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.92	63	109604	40.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	252203	22.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	257245	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

Target Compounds					Ovalue
13) Acetone	4.12	43	20139	5.611 ug/L	94
16) Methylene chloride	4.92	84	24213	1.776 ug/L	82

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

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