

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015944.D
 Acq On : 24 Jul 2020 12:51
 Operator : SY/VA
 Sample : L3419-09
 Misc : 4.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 8:11:46 AM

Quant Time: Jul 25 05:46:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	404840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134751	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122438	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	94811	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
10) 1,1-Dichloroethene-d2	4.01	63	181077	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.09	46	63934	42.61	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.22%
24) Chloroform-d	7.65	84	222252	19.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	8.31	65	127488	20.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.72%
29) Benzene-d6	8.27	84	458416	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	9.27	67	139522	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.33	98	400538	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.24%
38) trans-1,3-Dichloropropene-	10.58	79	53523	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.80%
39) 2-Hexanone-d5	10.93	63	50817	48.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110707	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	109955	20.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.72%

Target Compounds					Qvalue
13) Acetone	4.14	43	6526	5.179 ug/L	96
16) Methylene chloride	4.92	84	16160	2.436 ug/L	95
21) 2-Butanone	7.16	43	6881m	4.416 ug/L	

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

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