

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013639.D
 Acq On : 21 Oct 2019 16:44
 Operator : SY/VA
 Sample : K5422-07
 Misc : 6.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 12:39:06 PM

Quant Time: Oct 21 19:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	116125	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	45905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45496	31.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.72%
7) Chloroethane-d5	2.89	69	39779	29.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.64%
10) 1,1-Dichloroethene-d2	4.01	63	70508	22.41	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.64%
20) 2-Butanone-d5	7.07	46	20158	39.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.12%
24) Chloroform-d	7.65	84	87604	26.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	8.31	65	45398	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.88%
29) Benzene-d6	8.27	84	186928	28.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.96%
33) 1,2-Dichloropropane-d6	9.27	67	56477	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.28%
37) Toluene-d8	10.32	98	169335	28.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.92%
38) trans-1,3-Dichloropropene-	10.58	79	20746	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.92	63	15056	40.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38093	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	41738	25.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.92%

Target Compounds					Ovalue	
13) Acetone	4.12	43	7444m	13.162	ug/L	
15) Methyl Acetate	4.67	43	6706	7.257	ug/L	91
16) Methylene chloride	4.91	84	20169	9.070	ug/L	97

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

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