

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013637.D
 Acq On : 21 Oct 2019 15:52
 Operator : SY/VA
 Sample : K5422-05
 Misc : 6.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 12:39:02 PM

Quant Time: Oct 21 19:15:33 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	40774	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	34868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	10616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	15099	30.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.72%
7) Chloroethane-d5	2.89	69	14764	31.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.48%
10) 1,1-Dichloroethene-d2	4.02	63	25050	22.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.68%
20) 2-Butanone-d5	7.09	46	7856m	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
24) Chloroform-d	7.65	84	29759	26.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.32%
26) 1,2-Dichloroethane-d4	8.30	65	16325	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.44%
29) Benzene-d6	8.28	84	63787	30.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.80%
33) 1,2-Dichloropropane-d6	9.27	67	19629	31.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.48%#
37) Toluene-d8	10.32	98	50602	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.76%
38) trans-1,3-Dichloropropene-	10.58	79	6933	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.24%
39) 2-Hexanone-d5	10.93	63	4884	40.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13363	26.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	10582	28.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.84%

Target Compounds					Ovalue
13) Acetone	4.15	43	1646	8.289 ug/L	91
16) Methylene chloride	4.92	84	9218	11.806 ug/L	91

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

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