

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011245.D
 Acq On : 12 Jul 2019 17:34
 Operator : SY/VA
 Sample : K3760-11
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Z1

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 3:35:01 PM

Quant Time: Jul 13 07:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 05:32:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76345	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	70526	15.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.24%
7) Chloroethane-d5	2.88	69	55649	16.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.76%
10) 1,1-Dichloroethene-d2	4.01	63	127512	12.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.44%
20) 2-Butanone-d5	7.07	46	68595	37.18	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.36%
24) Chloroform-d	7.65	84	168463	20.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.16%
26) 1,2-Dichloroethane-d4	8.30	65	107513	20.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.08%
29) Benzene-d6	8.27	84	336066	22.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.64%
33) 1,2-Dichloropropane-d6	9.27	67	117075	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	274854	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	10.58	79	37358	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.76%
39) 2-Hexanone-d5	10.93	63	38895	35.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78429	19.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	53066	18.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.44%#

Target Compounds					Ovalue
13) Acetone	4.12	43	36957m	20.508	ug/L
15) Methyl Acetate	4.67	43	4134	1.410	ug/L
21) 2-Butanone	7.18	43	3837	1.649	ug/L

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

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