

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010119.D
 Acq On : 24 Apr 2019 19:38
 Operator : SY/VA
 Sample : K2481-14
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW7

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:51:42 PM

Quant Time: Apr 25 02:34:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	589725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	612818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	292694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	46181	8.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.76%
7) Chloroethane-d5	2.89	69	59930	12.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.48%
10) 1,1-Dichloroethene-d2	4.01	63	138096	8.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.40%#
20) 2-Butanone-d5	7.08	46	114124	42.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.74%
24) Chloroform-d	7.65	84	327553	20.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	8.30	65	212442	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	8.27	84	600159	17.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.16%
33) 1,2-Dichloropropane-d6	9.27	67	217933	20.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.56%
37) Toluene-d8	10.32	98	531560	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.44%
38) trans-1,3-Dichloropropene-	10.58	79	83050	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.64%
39) 2-Hexanone-d5	10.93	63	79429	34.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185503	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	225803	20.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	5442	2.709 ug/L	90
15) Methyl Acetate	4.67	43	10670	2.245 ug/L	92
16) Methylene chloride	4.91	84	33112m	4.006 ug/L	

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

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