

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011431.D
 Acq On : 22 Jul 2019 20:24
 Operator : SY/VA
 Sample : K3922-04
 Misc : 6.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F1

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 4:14:44 PM

Quant Time: Jul 23 05:53:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 04:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	420793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151804	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	151849	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
7) Chloroethane-d5	2.89	69	110295	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
10) 1,1-Dichloroethene-d2	4.01	63	255982	20.11	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.07	46	129498	54.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.26%
24) Chloroform-d	7.65	84	290257	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.31	65	182467m	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.92%
29) Benzene-d6	8.27	84	611051	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	9.27	67	201665	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	10.32	98	518508	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.92%
38) trans-1,3-Dichloropropene-	10.58	79	81696	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.84%
39) 2-Hexanone-d5	10.93	63	94209	61.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158686	28.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	151693	26.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.44%

Target Compounds					Ovalue
13) Acetone	4.12	43	95383	37.689 ug/L	98
15) Methyl Acetate	4.67	43	4915	1.265 ug/L #	80
21) 2-Butanone	7.18	43	14754	4.536 ug/L	80

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

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