

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011423.D
 Acq On : 22 Jul 2019 16:50
 Operator : SY/VA
 Sample : K3922-01
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F0

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 4:14:48 PM

Quant Time: Jul 23 05:15:28 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	481078	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	368870	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115829	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161662	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.68%
7) Chloroethane-d5	2.89	69	116743	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.80%
10) 1,1-Dichloroethene-d2	4.01	63	263699	18.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.48%
20) 2-Butanone-d5	7.07	46	116387	42.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.12%
24) Chloroform-d	7.65	84	286045	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	173229	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.60%
29) Benzene-d6	8.27	84	610271	27.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.64%
33) 1,2-Dichloropropane-d6	9.27	67	197914	27.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.76%
37) Toluene-d8	10.32	98	501473	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.44%
38) trans-1,3-Dichloropropene-	10.58	79	76820	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.92	63	82989	53.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123521	21.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	95997	22.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.28%

Target Compounds					Ovalue
13) Acetone	4.12	43	46207	15.970 ug/L	95
15) Methyl Acetate	4.67	43	4717m	1.062 ug/L	
21) 2-Butanone	7.17	43	7525m	2.024 ug/L	
44) Toluene	10.38	91	41634	1.695 ug/L	94

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

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