

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
 Data File : VW013965.D
 Acq On : 11 Nov 2019 17:59
 Operator : SY/VA
 Sample : K5784-02
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLNA9

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 4:18:43 PM

Quant Time: Nov 12 06:56:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 06:10:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265475	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118037	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99048	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	2.89	69	87441	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.40%
10) 1,1-Dichloroethene-d2	4.01	63	162793	16.81	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.07	46	75427	55.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.04%
24) Chloroform-d	7.65	84	232355	25.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	8.31	65	127087	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	8.27	84	503573	26.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.92%
33) 1,2-Dichloropropane-d6	9.27	67	156166	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.20%
37) Toluene-d8	10.32	98	453649	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
38) trans-1,3-Dichloropropene-	10.58	79	58203	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	10.92	63	62262	59.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117742	28.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	121037	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

Target Compounds					Ovalue
13) Acetone	4.12	43	18681	13.390 ug/L	88
21) 2-Butanone	7.16	43	4279m	2.387 ug/L	
44) Toluene	10.39	91	7741	0.365 ug/L	98

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

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