

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW100218\
 Data File : VW005793.D
 Acq On : 02 Oct 2018 23:52
 Operator : SY/AP
 Sample : J5182-06
 Misc : 4.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 JLC55

Manual Integrations
APPROVED
 MMDadoda
 10/5/2018 7:12:19 PM

Quant Time: Oct 17 11:20:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	220219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	224511	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	87507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38706	13.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.16%
7) Chloroethane-d5	2.89	69	35236	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.36%
10) 1,1-Dichloroethene-d2	4.01	63	71666	11.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.76%
20) 2-Butanone-d5	7.09	46	27975	31.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.08%
24) Chloroform-d	7.65	84	133175	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.31	65	88886	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.76%
29) Benzene-d6	8.28	84	224359	20.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.76%
33) 1,2-Dichloropropane-d6	9.28	67	72865	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.72%
37) Toluene-d8	10.33	98	207287	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.56%
38) trans-1,3-Dichloropropene-	10.58	79	30807	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.04%
39) 2-Hexanone-d5	10.93	63	18389	24.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.90%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	75477	24.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	72124	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	11287	12.026	ug/L	84
16) Methylene chloride	4.92	84	14725m	4.055	ug/L	
54) m,p-Xylene	11.84	106	4671	0.764	ug/L	77

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

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