

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080118\
 Data File : VW004372.D
 Acq On : 01 Aug 2018 13:10
 Operator : SY/AP
 Sample : J4204-11RE
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1J8RE

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 1:27:27 PM

Quant Time: Aug 02 04:12:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	54389	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	66557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	32703	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14105	33.28	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.12%
7) Chloroethane-d5	2.89	69	11667	27.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.48%
10) 1,1-Dichloroethene-d2	4.01	63	16710	13.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.64%
20) 2-Butanone-d5	7.08	46	22753	86.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.20%#
24) Chloroform-d	7.65	84	40223	29.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.68%
26) 1,2-Dichloroethane-d4	8.31	65	32859	43.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	174.56%#
29) Benzene-d6	8.27	84	68653	19.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.88%
33) 1,2-Dichloropropane-d6	9.27	67	25224	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.33	98	65048	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.24%
38) trans-1,3-Dichloropropene-	10.59	79	13402	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.20%
39) 2-Hexanone-d5	10.93	63	15557	56.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	36865	33.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	34716	27.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.08%

Target Compounds					Qvalue
13) Acetone	4.13	43	2952m	12.841	ug/L
16) Methylene chloride	4.91	84	2574m	2.994	ug/L

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

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