

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080118\
 Data File : VW004376.D
 Acq On : 01 Aug 2018 14:54
 Operator : SY/AP
 Sample : J4204-18RE
 Misc : 5.28G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K5RE

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 1:27:30 PM

Quant Time: Aug 02 04:25:06 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	90038	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	52240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19092	27.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.84%
7) Chloroethane-d5	2.89	69	19490	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.48%
10) 1,1-Dichloroethene-d2	4.00	63	28954	14.29	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.16%
20) 2-Butanone-d5	7.09	46	33608	77.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.54%#
24) Chloroform-d	7.65	84	69063	31.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.12%
26) 1,2-Dichloroethane-d4	8.31	65	51863	41.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	166.44%#
29) Benzene-d6	8.27	84	119603	21.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.72%
33) 1,2-Dichloropropane-d6	9.28	67	41920	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.00%
37) Toluene-d8	10.33	98	110544	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	10.58	79	21520	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.04%
39) 2-Hexanone-d5	10.93	63	26413	59.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	60863	33.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	60633	30.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.48%#

Target Compounds					Qvalue
13) Acetone	4.14	43	2858m	7.510	ug/L
16) Methylene chloride	4.92	84	3013m	2.117	ug/L

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

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