

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009917.D
 Acq On : 11 Apr 2019 16:17
 Operator : SY/VA
 Sample : K2303-10
 Misc : 3.61G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF8B1

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:30 AM

Quant Time: Apr 12 03:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	269842	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	56368	15.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.84%
7) Chloroethane-d5	2.89	69	65809	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.36%
10) 1,1-Dichloroethene-d2	4.01	63	113391	14.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.72%
20) 2-Butanone-d5	7.07	46	13167	11.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.96%
24) Chloroform-d	7.64	84	239831	32.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.28%
26) 1,2-Dichloroethane-d4	8.30	65	177156	39.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.76%#
29) Benzene-d6	8.27	84	381805	33.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.08%
33) 1,2-Dichloropropane-d6	9.27	67	145590	40.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.04%#
37) Toluene-d8	10.32	98	278985	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloropropene-	10.58	79	17476	10.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.04%
39) 2-Hexanone-d5	10.93	63	3313m	4.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.84%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124322	37.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	63227	29.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.92%

Target Compounds					Ovalue
13) Acetone	4.12	43	10938	8.904 ug/L	65
15) Methyl Acetate	4.68	43	5479	2.446 ug/L #	90
16) Methylene chloride	4.92	84	16843	3.539 ug/L	94

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

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