

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009831.D
 Acq On : 09 Apr 2019 10:18
 Operator : SY/VA
 Sample : K2303-05
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF8A0

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:03:59 PM

Quant Time: Apr 23 03:55:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	486112	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	466371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123052	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	114064	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.28%
10) 1,1-Dichloroethene-d2	4.02	63	223969	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.08	46	91344	44.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.46%
24) Chloroform-d	7.64	84	302727	22.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	8.30	65	186205m	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	8.27	84	546180	22.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.24%
33) 1,2-Dichloropropane-d6	9.27	67	173052	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.56%
37) Toluene-d8	10.32	98	491555	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.58	79	72775	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.72%
39) 2-Hexanone-d5	10.93	63	56148	39.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146561	20.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	172873	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	13849	1.615 ug/L	90

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

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