

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009894.D
 Acq On : 10 Apr 2019 22:00
 Operator : SY/VA
 Sample : K2340-19
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2T1

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:33:19 AM

Quant Time: Apr 11 05:59:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	434470	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429364	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116768	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
7) Chloroethane-d5	2.89	69	109327	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
10) 1,1-Dichloroethene-d2	4.02	63	235046	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.88%
20) 2-Butanone-d5	7.07	46	139811	75.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.48%#
24) Chloroform-d	7.65	84	335075	28.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.04%
26) 1,2-Dichloroethane-d4	8.31	65	220492	30.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.16%
29) Benzene-d6	8.27	84	596218	26.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.80%
33) 1,2-Dichloropropane-d6	9.27	67	195141	28.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.12%
37) Toluene-d8	10.32	98	515861	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloropropene-	10.58	79	83480	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.56%
39) 2-Hexanone-d5	10.93	63	100270	76.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202964	31.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.44%#
61) 1,2-Dichlorobenzene-d4	13.86	152	199862	30.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.24%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	18589	3.221	ug/L #	1
13) Acetone	4.12	43	8355	4.224	ug/L	91
15) Methyl Acetate	4.67	43	4339	1.203	ug/L #	64
16) Methylene chloride	4.93	84	14729m	1.922	ug/L	
47) Tetrachloroethene	10.86	164	1253705	235.458	ug/L	99

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

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