

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009823.D
 Acq On : 09 Apr 2019 01:52
 Operator : SY/VA
 Sample : K2217-20
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF610

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:03:26 PM

Quant Time: Apr 09 06:09:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:37:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	425812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412716	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161017	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125245	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
7) Chloroethane-d5	2.89	69	119362	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.01	63	225897	18.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.40%
20) 2-Butanone-d5	7.08	46	123533	68.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.56%#
24) Chloroform-d	7.64	84	338523	29.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.52%
26) 1,2-Dichloroethane-d4	8.30	65	227213	31.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.40%
29) Benzene-d6	8.27	84	614164	28.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.40%
33) 1,2-Dichloropropane-d6	9.27	67	199100	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.00%
37) Toluene-d8	10.32	98	534747	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.76%
38) trans-1,3-Dichloropropene-	10.58	79	81232	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.80%
39) 2-Hexanone-d5	10.93	63	76765	60.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193613	31.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	183324	32.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.80%#

Target Compounds					Ovalue
13) Acetone	4.12	43	7693	3.969 ug/L	73
16) Methylene chloride	4.92	84	22531m	3.000 ug/L	

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

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