

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014632.D
 Acq On : 14 Jan 2020 14:54
 Operator : SY/VA
 Sample : L1109-06
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG5

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 1:50:50 PM

Quant Time: Jan 15 02:24:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1151829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1045134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	502642	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	370896	22.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.36%		
7) Chloroethane-d5	2.89	69	297072	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.32%		
10) 1,1-Dichloroethene-d2	4.01	63	537317m	18.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.36%		
20) 2-Butanone-d5	7.07	46	159107	41.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.36%		
24) Chloroform-d	7.65	84	655777	24.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.00%		
26) 1,2-Dichloroethane-d4	8.31	65	339864m	24.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.84%		
29) Benzene-d6	8.27	84	1439690	25.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.60%		
33) 1,2-Dichloropropane-d6	9.27	67	433372	25.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.72%		
37) Toluene-d8	10.32	98	1294852	25.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.80%		
38) trans-1,3-Dichloropropene-	10.57	79	168809	24.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.84%		
39) 2-Hexanone-d5	10.92	63	122983	43.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.08%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	297618	23.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.88%		
61) 1,2-Dichlorobenzene-d4	13.85	152	444519	26.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.36%		
Target Compounds						
13) Acetone	4.12	43	25881	4.838	ug/L	96
16) Methylene chloride	4.92	84	32523	1.732	ug/L	92

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

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