

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014400.D
 Acq On : 17 Dec 2019 18:34
 Operator : SY/VA
 Sample : K6277-18RE
 Misc : 4.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C59RE

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:31:48 PM

Quant Time: Dec 18 03:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 01:35:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	646499	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387976	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72279	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	181831	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
7) Chloroethane-d5	2.89	69	165978	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.20%
10) 1,1-Dichloroethene-d2	4.01	63	241544	13.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.88%
20) 2-Butanone-d5	7.07	46	125736	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
24) Chloroform-d	7.65	84	426469	25.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	8.31	65	192262m	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.12%
29) Benzene-d6	8.27	84	826084	36.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.32%#
33) 1,2-Dichloropropane-d6	9.27	67	297658	42.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.20%#
37) Toluene-d8	10.32	98	570919	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.08%
38) trans-1,3-Dichloropropene-	10.58	79	42796	14.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.32%
39) 2-Hexanone-d5	10.92	63	74150	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	178489	31.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	81735	29.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.36%

Target Compounds

					Ovalue
13) Acetone	4.12	43	59042	24.004 ug/L	99
14) Carbon disulfide	4.38	76	9541	0.360 ug/L #	91
16) Methylene chloride	4.92	84	22114	2.231 ug/L	95
21) 2-Butanone	7.17	43	20831	6.308 ug/L	83

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

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