

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014420.D
 Acq On : 18 Dec 2019 03:58
 Operator : SY/VA
 Sample : K6257-08
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEZ9

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:40:02 PM

Quant Time: Dec 18 05:47:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	970634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	875388	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	329757	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	243152	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.16%
7) Chloroethane-d5	2.89	69	213126	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.00%
10) 1,1-Dichloroethene-d2	4.02	63	351685	13.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.20%
20) 2-Butanone-d5	7.07	46	153255	40.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.02%
24) Chloroform-d	7.65	84	532361	21.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.16%
26) 1,2-Dichloroethane-d4	8.30	65	292343	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.24%
29) Benzene-d6	8.27	84	1059513	20.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.60%
33) 1,2-Dichloropropane-d6	9.27	67	353776	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.64%
37) Toluene-d8	10.32	98	891929	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.92%
38) trans-1,3-Dichloropropene-	10.57	79	112478	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.96%
39) 2-Hexanone-d5	10.92	63	113113	36.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	259054	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	280076	22.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.92%

Target Compounds					Ovalue
13) Acetone	4.12	43	69600	18.847 ug/L	98
16) Methylene chloride	4.92	84	30264	2.034 ug/L	93
21) 2-Butanone	7.18	43	23527m	4.745 ug/L	

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

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