

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011317.D
 Acq On : 17 Jul 2019 20:30
 Operator : SY/VA
 Sample : K3798-20
 Misc : 4.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H3

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 1:44:49 AM

Quant Time: Jul 18 07:01:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	259265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	214985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	58726	14.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.32%
7) Chloroethane-d5	2.88	69	49208	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
10) 1,1-Dichloroethene-d2	4.01	63	111071	13.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.00%
20) 2-Butanone-d5	7.07	46	92340	59.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.42%
24) Chloroform-d	7.65	84	166846	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.31	65	110295	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	319067	24.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.36%
33) 1,2-Dichloropropane-d6	9.27	67	116858	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.40%
37) Toluene-d8	10.32	98	257977	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.44%
38) trans-1,3-Dichloropropene-	10.58	79	40460	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	10.93	63	59636	60.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100033	28.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	65190	23.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.40%

Target Compounds					Ovalue
13) Acetone	4.12	43	47827	31.399 ug/L	97
14) Carbon disulfide	4.39	76	6273m	0.644 ug/L	
15) Methyl Acetate	4.67	43	34082	13.751 ug/L	99
21) 2-Butanone	7.18	43	10583	5.382 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	3545	0.951 ug/L	93

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

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