

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011812.D
 Acq On : 09 Aug 2019 14:47
 Operator : SY/VA
 Sample : K4215-17
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD0

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 1:09:55 PM

Quant Time: Aug 10 05:13:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69689	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79707	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.88%
7) Chloroethane-d5	2.89	69	65528	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	4.02	63	144280	14.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	7.07	46	75332	38.23	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.46%
24) Chloroform-d	7.65	84	184724	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	8.31	65	117612	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.16%
29) Benzene-d6	8.27	84	357281	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	9.27	67	123362	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.84%
37) Toluene-d8	10.32	98	281852	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.44%
38) trans-1,3-Dichloropropene-	10.58	79	44346	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.36%
39) 2-Hexanone-d5	10.93	63	47779	42.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87472	21.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	59964	22.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.32%

Target Compounds					Ovalue
13) Acetone	4.12	43	27435	13.001 ug/L	97
16) Methylene chloride	4.92	84	10951m	2.258 ug/L	
21) 2-Butanone	7.18	43	15494m	5.856 ug/L	

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

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