

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010118.D
 Acq On : 24 Apr 2019 19:09
 Operator : SY/VA
 Sample : K2481-12RE
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW5RE

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:51:37 PM

Quant Time: Apr 25 02:26:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	66861	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	4057	6.35	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.40%#
7) Chloroethane-d5	2.89	69	6040	11.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.76%
10) 1,1-Dichloroethene-d2	4.00	63	11637	6.20	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.80%#
20) 2-Butanone-d5	7.08	46	31332	103.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.62%#
24) Chloroform-d	7.65	84	47036	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.31	65	42474	40.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	163.20%#
29) Benzene-d6	8.27	84	77893	15.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.36%
33) 1,2-Dichloropropane-d6	9.27	67	37389	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.04%
37) Toluene-d8	10.32	98	64972	14.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.28%
38) trans-1,3-Dichloropropene-	10.57	79	15703	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	19669	60.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	46331	35.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	44190	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds					Ovalue
13) Acetone	4.12	43	2440	10.712 ug/L	83
16) Methylene chloride	4.90	84	4780m	5.101 ug/L	

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

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