

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013831.D
 Acq On : 30 Oct 2019 12:27
 Operator : SY/VA
 Sample : K5565-08RE
 Misc : 2.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLNA7RE

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:48:29 AM

Quant Time: Oct 31 06:03:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	287757	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187067	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48355	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105454	29.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.48%
7) Chloroethane-d5	2.89	69	86594	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.12%
10) 1,1-Dichloroethene-d2	4.02	63	159292	20.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.72%
20) 2-Butanone-d5	7.07	46	55514	43.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.92%
24) Chloroform-d	7.65	84	212440	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.31	65	104097	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.88%
29) Benzene-d6	8.27	84	436693	38.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	155.40%#
33) 1,2-Dichloropropane-d6	9.27	67	129359	38.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.16%#
37) Toluene-d8	10.32	98	337884	32.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	130.40%#
38) trans-1,3-Dichloropropene-	10.58	79	42564	28.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.44%
39) 2-Hexanone-d5	10.93	63	38345	59.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54214	19.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	38733	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds					Qvalue
13) Acetone	4.12	43	156869	111.930 ug/L	95
16) Methylene chloride	4.91	84	17925m	3.253 ug/L	
21) 2-Butanone	7.17	43	65753	36.951 ug/L	98
44) Toluene	10.38	91	9747	0.676 ug/L	94

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

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