

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009312.D
 Acq On : 21 Mar 2019 03:39
 Operator : SY/VA
 Sample : K1988-13
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C4

Quant Time: Apr 05 07:31:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154154	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89782	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.89	69	81425	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
10) 1,1-Dichloroethene-d2	4.01	63	133188	15.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.08%
20) 2-Butanone-d5	7.07	46	68436	40.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.68%
24) Chloroform-d	7.65	84	184535	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	113207	20.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.24%
29) Benzene-d6	8.27	84	354975	19.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.16%
33) 1,2-Dichloropropane-d6	9.27	67	107203	19.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.60%
37) Toluene-d8	10.32	98	304317	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.40%
38) trans-1,3-Dichloropropene-	10.57	79	46547	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.80%
39) 2-Hexanone-d5	10.93	63	49359	37.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109905	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	122798	20.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.08%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	408071	84.761 ug/L	98
35) Trichloroethene	9.09	95	1144083	241.188 ug/L	99
47) Tetrachloroethene	10.86	164	14788	3.690 ug/L	95

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

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