

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW103019\  
 Data File : VW013844.D  
 Acq On : 30 Oct 2019 18:11  
 Operator : SY/VA  
 Sample : K5596-06  
 Misc : 4.96G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAQA7

Quant Time: Nov 12 02:51:40 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	304941	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90081	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
7) Chloroethane-d5	2.89	69	75089	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
10) 1,1-Dichloroethene-d2	4.02	63	142448	17.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.96%
20) 2-Butanone-d5	7.07	46	98352	73.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.00%#
24) Chloroform-d	7.65	84	210362	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.31	65	124801	27.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.88%
29) Benzene-d6	8.27	84	435545	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.27	67	137513	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.32	98	400692	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.92%
38) trans-1,3-Dichloropropene-	10.58	79	62289	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.00%
39) 2-Hexanone-d5	10.92	63	81877	78.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.64%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147691	32.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	150406	26.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.44%

Target Compounds						Qvalue
13) Acetone	4.12	43	16657	11.215	ug/L	98
15) Methyl Acetate	4.67	43	2543	1.048	ug/L #	67

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

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