

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 Data File : VW011892.D
 Acq On : 13 Aug 2019 13:47
 Operator : SY/VA
 Sample : K4215-23
 Misc : 2.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ET0C7

Quant Time: Aug 14 05:35:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:55:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	159497	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	122022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41279	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.89	69	40197	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.02	63	43035	8.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.44%#
20) 2-Butanone-d5	7.07	46	69050	68.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.56%#
24) Chloroform-d	7.65	84	108165	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.31	65	82863	31.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.84%
29) Benzene-d6	8.27	84	160313	20.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.56%
33) 1,2-Dichloropropane-d6	9.27	67	74764	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.72%#
37) Toluene-d8	10.32	98	87601	12.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.44%
38) trans-1,3-Dichloropropene-	10.58	79	12291	11.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.28%
39) 2-Hexanone-d5	10.93	63	39472	68.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.44%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	62417	30.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	26933	15.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.84%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	48426	44.712 ug/L	97
14) Carbon disulfide	4.38	76	11318	1.517 ug/L #	90
16) Methylene chloride	4.92	84	18121	7.280 ug/L	94
21) 2-Butanone	7.17	43	15809	11.642 ug/L	99

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

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