

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011323.D
 Acq On : 17 Jul 2019 23:12
 Operator : SY/VA
 Sample : K3863-04
 Misc : 6.64G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G0

Quant Time: Jul 18 07:26:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	269812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	245158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	108243	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48442	11.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.04%
7) Chloroethane-d5	2.88	69	41705	14.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.72%
10) 1,1-Dichloroethene-d2	4.01	63	102047	11.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.80%
20) 2-Butanone-d5	7.07	46	96558	59.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.00%
24) Chloroform-d	7.65	84	142126	19.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.88%
26) 1,2-Dichloroethane-d4	8.31	65	97190	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.36%
29) Benzene-d6	8.27	84	275530	18.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.96%
33) 1,2-Dichloropropane-d6	9.27	67	101333	20.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.40%
37) Toluene-d8	10.32	98	230248	17.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.44%
38) trans-1,3-Dichloropropene-	10.58	79	38455	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.56%
39) 2-Hexanone-d5	10.92	63	62794	55.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106532	26.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	84609	20.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	20018	4.257	ug/L	97
12) 1,1-Dichloroethene	4.03	96	12321	3.475	ug/L	# 1
13) Acetone	4.12	43	22682	14.309	ug/L	98
14) Carbon disulfide	4.37	76	26382	2.601	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	7607	2.123	ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	3471624	895.122	ug/L	99
35) Trichloroethene	9.09	95	330535	85.486	ug/L	100

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

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