

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010133.D
 Acq On : 25 Apr 2019 08:34
 Operator : SY/VA
 Sample : K2497-06MS
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHY1

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:52:13 PM

Quant Time: Apr 25 09:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 09:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	262533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337821	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11988	4.78	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	19.12%#
7) Chloroethane-d5	2.90	69	24171	11.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.64%
10) 1,1-Dichloroethene-d2	4.01	63	52443m	7.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	28.48%#
20) 2-Butanone-d5	7.08	46	78816	66.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.02%
24) Chloroform-d	7.65	84	193417	27.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.68%
26) 1,2-Dichloroethane-d4	8.30	65	153406	37.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	150.12%#
29) Benzene-d6	8.27	84	318517	16.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.60%
33) 1,2-Dichloropropane-d6	9.27	67	148174	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.36%
37) Toluene-d8	10.32	98	273172	15.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.88%
38) trans-1,3-Dichloropropene-	10.58	79	56431	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	10.93	63	49568	39.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144955	29.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	143881	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	27363	8.043 ug/L #	69
13) Acetone	4.13	43	6691	7.481 ug/L	71
16) Methylene chloride	4.91	84	9500	2.582 ug/L	97
34) Benzene	8.32	78	387469	18.857 ug/L	100
35) Trichloroethene	9.09	95	77210	14.247 ug/L	99
44) Toluene	10.39	91	466225	21.434 ug/L	96
52) Chlorobenzene	11.66	112	341411	24.806 ug/L	99

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

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