

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018641.D
 Acq On : 13 Apr 2021 14:36
 Operator : SY/VA
 Sample : M2011-12RE
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG792RE

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 11:36:57 AM

Quant Time: Apr 14 01:27:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	99179	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	154897	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
7) Chloroethane-d5	2.891	69	119184	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.019	63	163423	15.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	7.080	46	72477	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
24) Chloroform-d	7.647	84	236684	21.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	8.305	65	139237m	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.36%
29) Benzene-d6	8.275	84	472779	27.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.48%
33) 1,2-Dichloropropane-d6	9.274	67	132991	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.80%
37) Toluene-d8	10.323	98	426073	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.52%
38) trans-1,3-Dichloroprop...	10.579	79	38843	14.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.92%
39) 2-Hexanone-d5	10.927	63	52280	53.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.26%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	110218	24.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.00%
61) 1,2-Dichlorobenzene-d4	13.853	152	80128	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%
Target Compounds						
13) Acetone	4.123	43	49915	51.11	ug/L	95
14) Carbon disulfide	4.385	76	6906	0.42	ug/L #	94
16) Methylene chloride	4.922	84	9780m	1.36	ug/L	
21) 2-Butanone	7.177	43	12522	8.07	ug/L	86
43) 4-Methyl-2-pentanone	10.213	43	4701	1.68	ug/L #	89
44) Toluene	10.390	91	6861	0.32	ug/L	86

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

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