

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018092.D
 Acq On : 11 Feb 2021 18:01
 Operator : SY/VA
 Sample : M1371-06MSD
 Misc : 6.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MSD

Manual Integrations
 APPROVED

MMDadoda
 2/15/2021 7:08:22 AM

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Quant Time: Feb 12 02:43:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	137388	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	127334	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	57651	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	31771	18.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.44%		
7) Chloroethane-d5	2.892	69	30510	22.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.04%		
10) 1,1-Dichloroethene-d2	4.019	63	70265	20.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.32%		
20) 2-Butanone-d5	7.080	46	24375	53.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.98%		
24) Chloroform-d	7.647	84	92825	25.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.00%		
26) 1,2-Dichloroethane-d4	8.305	65	55961	29.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.56%		
29) Benzene-d6	8.275	84	170927	24.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.80%		
33) 1,2-Dichloropropane-d6	9.275	67	54332	27.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.12%		
37) Toluene-d8	10.323	98	151167	22.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.88%		
38) trans-1,3-Dichloroprop...	10.579	79	22400	25.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.08%		
39) 2-Hexanone-d5	10.927	63	20761	55.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.06%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	51411	29.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	119.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	56904	27.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.68%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	36531	19.90	ug/L	99
13) Acetone	4.123	43	1133	3.36	ug/L	50
16) Methylene chloride	4.922	84	3385m	1.54	ug/L	
34) Benzene	8.324	78	176975	23.78	ug/L	100
35) Trichloroethene	9.092	95	44980	21.45	ug/L	99
44) Toluene	10.390	91	182987	22.34	ug/L	97
52) Chlorobenzene	11.658	112	121158	22.45	ug/L	99

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

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