

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018153.D
 Acq On : 16 Feb 2021 11:27
 Operator : SY/VA
 Sample : M1370-22MSD
 Misc : 3.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MSD

Manual Integrations
 APPROVED

MMDadoda
 2/18/2021 11:54:21 AM

Quant Time: Feb 17 01:03:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	110599	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77991	13.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.40%		
7) Chloroethane-d5	2.891	69	77015	17.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.96%		
10) 1,1-Dichloroethene-d2	4.025	63	196080	17.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.68%		
20) 2-Butanone-d5	7.080	46	50892	33.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.76%		
24) Chloroform-d	7.647	84	250008	21.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.12%		
26) 1,2-Dichloroethane-d4	8.305	65	124254	19.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.52%		
29) Benzene-d6	8.275	84	474570	25.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.04%		
33) 1,2-Dichloropropane-d6	9.274	67	138745	26.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.64%		
37) Toluene-d8	10.323	98	415199	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.92%		
38) trans-1,3-Dichloroprop...	10.579	79	51208	21.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.00%		
39) 2-Hexanone-d5	10.927	63	42209	42.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	100655	21.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	98348	24.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.72%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	115265	19.05	ug/L	90
13) Acetone	4.129	43	2869	2.58	ug/L	62
16) Methylene chloride	4.922	84	6103m	0.84	ug/L	
34) Benzene	8.323	78	494753	24.75	ug/L	100
35) Trichloroethene	9.091	95	131856	23.40	ug/L	98
36) Methylcyclohexane	9.335	83	3381	0.36	ug/L #	85
44) Toluene	10.390	91	515010	23.40	ug/L	100
52) Chlorobenzene	11.658	112	285184	19.67	ug/L	97

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

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