

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040519\
 Data File : VW009716.D
 Acq On : 05 Apr 2019 07:04
 Operator : SY/VA
 Sample : K2276-14
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF141

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:50 AM

Quant Time: Apr 22 00:54:13 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Fri Apr 05 05:32:00 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90148	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	85951	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
10) 1,1-Dichloroethene-d2	4.01	63	155883	17.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.16%
20) 2-Butanone-d5	7.07	46	75428	57.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.04%
24) Chloroform-d	7.64	84	219497	25.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.36%
26) 1,2-Dichloroethane-d4	8.31	65	146777	28.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.56%
29) Benzene-d6	8.27	84	405415	24.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.08%
33) 1,2-Dichloropropane-d6	9.27	67	130987	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.32	98	356079	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.24%
38) trans-1,3-Dichloropropene-	10.58	79	54968	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.44%
39) 2-Hexanone-d5	10.93	63	49728	50.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124005	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	131245	27.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.16%

Target Compounds

					Ovalue	
13) Acetone	4.11	43	4119m	2.906	ug/L	
16) Methylene chloride	4.92	84	10414m	1.897	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	5473	1.190	ug/L	95
35) Trichloroethene	9.09	95	18542	3.662	ug/L	97
47) Tetrachloroethene	10.86	164	200426	50.261	ug/L	98

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

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