

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009330.D
 Acq On : 21 Mar 2019 16:58
 Operator : SY/VA
 Sample : K2017-09
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF1H5

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:48 AM

Quant Time: Mar 22 10:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96495	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
7) Chloroethane-d5	2.89	69	94360	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.01	63	147059	17.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.36%
20) 2-Butanone-d5	7.08	46	88334	54.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.90%
24) Chloroform-d	7.64	84	213031	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	8.30	65	135199	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	8.27	84	392298	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	9.27	67	120970	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	336556	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.80%
38) trans-1,3-Dichloropropene-	10.58	79	55139	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.16%
39) 2-Hexanone-d5	10.93	63	64100	51.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129779	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	126140	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	9802	7.368	ug/L	98
16) Methylene chloride	4.92	84	11507m	2.404	ug/L	
18) trans-1,2-Dichloroethene	5.41	96	3253m	0.765	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	244666	53.140	ug/L	99
35) Trichloroethene	9.09	95	24455	5.449	ug/L	97
47) Tetrachloroethene	10.87	164	2893	0.763	ug/L	82

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

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