

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009321.D
 Acq On : 21 Mar 2019 12:30
 Operator : SY/VA
 Sample : K1988-18
 Misc : 4.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D0

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:35 AM

Quant Time: Mar 22 09:56:55 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	265777	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44860	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111500	35.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.44%
7) Chloroethane-d5	2.89	69	109873	29.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.28%
10) 1,1-Dichloroethene-d2	4.01	63	158501	23.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.36%
20) 2-Butanone-d5	7.07	46	44702	34.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.06%
24) Chloroform-d	7.65	84	214478	29.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.28%
26) 1,2-Dichloroethane-d4	8.30	65	119309	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.24%
29) Benzene-d6	8.27	84	373025	37.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.20%#
33) 1,2-Dichloropropane-d6	9.27	67	113997	38.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.84%#
37) Toluene-d8	10.32	98	264309	28.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.12%
38) trans-1,3-Dichloropropene-	10.58	79	36128	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	28358	39.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68112	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	42240	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	24792	23.017	ug/L	89
16) Methylene chloride	4.91	84	8531m	2.201	ug/L	
18) trans-1,2-Dichloroethene	5.42	96	18392	5.345	ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	665144	178.440	ug/L	99
35) Trichloroethene	9.09	95	45010	17.133	ug/L	96
47) Tetrachloroethene	10.86	164	6683	3.011	ug/L	97

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

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