

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009187.D
 Acq On : 14 Mar 2019 23:11
 Operator : SY/VA
 Sample : K1885-17
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF1K1

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 12:30:46 PM

Quant Time: Mar 15 07:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	431488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	414215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196291	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139186	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.96%
7) Chloroethane-d5	2.89	69	131174	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
10) 1,1-Dichloroethene-d2	4.01	63	202670	18.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	7.07	46	100358	47.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.12%
24) Chloroform-d	7.65	84	277553	23.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	8.31	65	169349	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.27	84	537450	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
33) 1,2-Dichloropropane-d6	9.27	67	163765	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	10.32	98	481398	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.57	79	75650	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.80%
39) 2-Hexanone-d5	10.92	63	80072	48.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154650	22.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	182896	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
13) Acetone	4.12	43	8796	5.030 ug/L	87
16) Methylene chloride	4.92	84	18838m	2.994 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	10507	1.736 ug/L	99
44) Toluene	10.39	91	19759	0.797 ug/L	90
47) Tetrachloroethene	10.86	164	627311	122.894 ug/L	97

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

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