

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010188.D
 Acq On : 29 Apr 2019 18:57
 Operator : SY/VA
 Sample : K2596-13
 Misc : 4.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH61

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 1:07:11 PM

Quant Time: Apr 30 07:54:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	572131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	517016	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205197	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110220	16.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.92%
7) Chloroethane-d5	2.89	69	96732	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.72%
10) 1,1-Dichloroethene-d2	4.01	63	191669	13.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.12%
20) 2-Butanone-d5	7.07	46	109878	45.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.80%
24) Chloroform-d	7.65	84	322521	21.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	8.31	65	185732	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	8.27	84	570895	20.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.04%
33) 1,2-Dichloropropane-d6	9.27	67	193956	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.20%
37) Toluene-d8	10.32	98	493236	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.92%
38) trans-1,3-Dichloropropene-	10.58	79	70804	17.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.68%
39) 2-Hexanone-d5	10.93	63	87586	47.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177530	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	172660	22.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.60%

Target Compounds					Ovalue
13) Acetone	4.12	43	7984	4.220 ug/L	67
16) Methylene chloride	4.92	84	24607m	2.585 ug/L	

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

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