

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010187.D
 Acq On : 29 Apr 2019 18:29
 Operator : SY/VA
 Sample : K2596-12
 Misc : 3.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH59

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 07:52:29 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	514201	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	481784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93113	15.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.84%
7) Chloroethane-d5	2.89	69	83520	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
10) 1,1-Dichloroethene-d2	4.01	63	167035	12.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.52%
20) 2-Butanone-d5	7.08	46	93256	43.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.70%
24) Chloroform-d	7.65	84	281257	21.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	8.30	65	164703	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.04%
29) Benzene-d6	8.27	84	496715	19.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.60%
33) 1,2-Dichloropropane-d6	9.27	67	169549	20.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.68%
37) Toluene-d8	10.32	98	428969	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.72%
38) trans-1,3-Dichloropropene-	10.58	79	63831	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.36%
39) 2-Hexanone-d5	10.93	63	71646	42.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158954	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	168029	21.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.92%

Target Compounds				Ovalue
16) Methylene chloride	4.91	84	17354m	2.028 ug/L

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

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