

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010190.D
 Acq On : 29 Apr 2019 19:54
 Operator : SY/VA
 Sample : K2596-18
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH44

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 1:07:16 PM

Quant Time: Apr 30 07:54:58 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	559918	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	523961	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217779	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100515	15.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.28%
7) Chloroethane-d5	2.89	69	91330	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.16%
10) 1,1-Dichloroethene-d2	4.01	63	173244	12.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.08%
20) 2-Butanone-d5	7.07	46	98240	41.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.86%
24) Chloroform-d	7.64	84	293189	20.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.84%
26) 1,2-Dichloroethane-d4	8.30	65	172255	20.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.64%
29) Benzene-d6	8.27	84	519989	18.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.72%
33) 1,2-Dichloropropane-d6	9.27	67	178356	20.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.96%
37) Toluene-d8	10.32	98	447854	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.84%
38) trans-1,3-Dichloropropene-	10.58	79	65960	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.96%
39) 2-Hexanone-d5	10.93	63	76822	41.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173332	23.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	173191	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

Target Compounds				Ovalue
16) Methylene chloride	4.92	84	23193m	2.489 ug/L

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

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