

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004081.D
 Acq On : 20 Jul 2018 17:09
 Operator : SY/AP
 Sample : J4037-09
 Misc : 6.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY51

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 1:27:40 PM

Quant Time: Jul 21 06:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	291412	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285786	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	123424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	56936	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
7) Chloroethane-d5	2.89	69	43043	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
10) 1,1-Dichloroethene-d2	4.00	63	101408m	14.66	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.64%
20) 2-Butanone-d5	7.08	46	81635	48.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.60%
24) Chloroform-d	7.65	84	164317	23.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	8.31	65	104518	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.28	84	282139	21.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.16%
33) 1,2-Dichloropropane-d6	9.28	67	103446	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.33	98	242134	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.32%
38) trans-1,3-Dichloropropene-	10.58	79	42096	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	58684	49.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.62%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	120660	24.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	100348	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds					Qvalue
47) Tetrachloroethene	10.87	164	37487	9.917 ug/L	98

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

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