

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005790.D
 Acq On : 02 Oct 2018 22:34
 Operator : SY/AP
 Sample : J5182-03
 Misc : 4.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC52

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 7:12:18 PM

Quant Time: Oct 03 08:34:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	75476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	81155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	35349	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13436	13.96	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.84%
7) Chloroethane-d5	2.89	69	13849	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.80%
10) 1,1-Dichloroethene-d2	4.00	63	24900	11.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.40%
20) 2-Butanone-d5	7.09	46	12008	38.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.74%
24) Chloroform-d	7.65	84	54781	28.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	8.31	65	37743	32.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.56%
29) Benzene-d6	8.28	84	81014	20.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.68%
33) 1,2-Dichloropropane-d6	9.28	67	30904	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.44%
37) Toluene-d8	10.33	98	68888	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.48%
38) trans-1,3-Dichloropropene-	10.58	79	11429	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	10.93	63	7150	26.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31224	27.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	28440	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	2582m	8.027 ug/L	
16) Methylene chloride	4.91	84	11678	9.384 ug/L	93
57) Isopropylbenzene	12.47	105	3023	0.508 ug/L	# 62

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

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