

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100118\
 Data File : VW005762.D
 Acq On : 02 Oct 2018 04:06
 Operator : SY/AP
 Sample : J5181-09
 Misc : 3.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC38

Manual Integrations
 APPROVED

sam
 10/5/2018 2:43:12 PM

Quant Time: Oct 15 07:43:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	230974	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	192837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	67184	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44476	15.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.40%
7) Chloroethane-d5	2.90	69	41034	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
10) 1,1-Dichloroethene-d2	4.01	63	80454	12.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.04%
20) 2-Butanone-d5	7.09	46	45309	47.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.86%
24) Chloroform-d	7.65	84	138099	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	82375	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.28	84	238243	24.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.84%
33) 1,2-Dichloropropane-d6	9.28	67	80322	29.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.44%
37) Toluene-d8	10.33	98	193661	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.20%
38) trans-1,3-Dichloropropene-	10.58	79	26407	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.88%
39) 2-Hexanone-d5	10.93	63	31754	49.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64092	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	51686	21.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.96%

Target Compounds

					Qvalue
13) Acetone	4.14	43	62715	63.711 ug/L	70
14) Carbon disulfide	4.37	76	11304m	1.202 ug/L	
16) Methylene chloride	4.92	84	17271	4.535 ug/L	98
21) 2-Butanone	7.19	43	19124	16.222 ug/L	96
54) m,p-Xylene	11.84	106	3303	0.629 ug/L	90
55) o-xylene	12.18	106	3060	0.618 ug/L	82

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

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