

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092018\
 Data File : VW005533.D
 Acq On : 20 Sep 2018 14:22
 Operator : SY/AP
 Sample : J4970-07
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD9

Quant Time: Sep 21 01:46:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 01:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	339113	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	87525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122462	26.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.28%
7) Chloroethane-d5	2.90	69	98349	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.08%
10) 1,1-Dichloroethene-d2	4.01	63	197080	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.48%
20) 2-Butanone-d5	7.09	46	61169	34.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.66%
24) Chloroform-d	7.65	84	240931	26.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	8.31	65	143663	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	8.28	84	469587	28.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.40%
33) 1,2-Dichloropropane-d6	9.28	67	133932	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.24%
37) Toluene-d8	10.33	98	421243	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.56%
38) trans-1,3-Dichloropropene-	10.58	79	60770	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.08%
39) 2-Hexanone-d5	10.93	63	50232	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91475	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	82993	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.15	43	4973	3.260	ug/L	70
16) Methylene chloride	4.92	84	14766	2.633	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	1043723	215.559	ug/L	98
35) Trichloroethene	9.10	95	921414	208.877	ug/L	97
44) Toluene	10.39	91	13686	0.776	ug/L	92
47) Tetrachloroethene	10.87	164	3751521	1043.039	ug/L	95
54) m,p-Xylene	11.85	106	3427	0.456	ug/L	81

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

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