

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072918\
 Data File : VW004301.D
 Acq On : 28 Jul 2018 05:16
 Operator : SY/AP
 Sample : J4204-17
 Misc : 5.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K4

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 10:33:33 AM

Quant Time: Jul 28 06:29:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	240298	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	171460	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72283	29.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.52%
7) Chloroethane-d5	2.89	69	65056	36.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.88%
10) 1,1-Dichloroethene-d2	4.01	63	155962	27.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.04%
20) 2-Butanone-d5	7.09	46	63384	46.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.56%
24) Chloroform-d	7.65	84	167885	27.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.16%
26) 1,2-Dichloroethane-d4	8.31	65	112183	30.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.24%
29) Benzene-d6	8.28	84	363245	39.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	159.88%#
33) 1,2-Dichloropropane-d6	9.28	67	120232	39.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	159.12%#
37) Toluene-d8	10.33	98	283342	32.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	131.96%#
38) trans-1,3-Dichloropropene-	10.58	79	24940	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.72%
39) 2-Hexanone-d5	10.93	63	42936	54.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80886	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	45689	29.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.96%

Target Compounds					Qvalue
13) Acetone	4.12	43	23267	16.825 ug/L	99
14) Carbon disulfide	4.37	76	20573	2.299 ug/L	96
16) Methylene chloride	4.90	84	8672m	2.574 ug/L	
21) 2-Butanone	7.18	43	13316m	7.639 ug/L	

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

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