

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005392.D
 Acq On : 14 Sep 2018 17:20
 Operator : SY/AP
 Sample : J4865-19
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3P7

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:39:55 PM

Quant Time: Sep 15 00:39:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 23:16:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	287525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	283625	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	122005	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76966	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	2.89	69	61611	26.26	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
10) 1,1-Dichloroethene-d2	4.02	63	105341m	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.09	46	47350	37.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.76%
24) Chloroform-d	7.66	84	153657	28.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	8.32	65	100417	29.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.12%
29) Benzene-d6	8.28	84	301065	26.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.76%
33) 1,2-Dichloropropane-d6	9.28	67	87919	27.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.20%
37) Toluene-d8	10.33	98	297076	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.00%
38) trans-1,3-Dichloropropene-	10.58	79	42842	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.36%
39) 2-Hexanone-d5	10.93	63	38537	38.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.16%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	78941	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	100642	27.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.96%

Target Compounds					Ovalue
13) Acetone	4.15	43	8970m	7.64	ug/L
16) Methylene chloride	4.93	84	13317	2.44	ug/L

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

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