

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010943.D
 Acq On : 24 Jun 2019 21:16
 Operator : SY/VA
 Sample : K3456-09
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANX9

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 3:19:47 PM

Quant Time: Jun 25 03:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 02:43:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	98595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	139026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62363	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	4535	3.55	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	14.20%#
7) Chloroethane-d5	2.89	69	8856	8.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	35.96%
10) 1,1-Dichloroethene-d2	4.02	63	12422	4.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	16.44%#
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.65	84	87097	32.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	131.04%
26) 1,2-Dichloroethane-d4	8.31	65	100028	60.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	242.76%#
29) Benzene-d6	8.27	84	140681	16.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.40%
33) 1,2-Dichloropropane-d6	9.27	67	81609	29.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.36%
37) Toluene-d8	10.32	98	124810	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.28%
38) trans-1,3-Dichloropropene-	10.58	79	27586	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.93	63	2112	3.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98683	43.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	173.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	69291	29.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.72%

Target Compounds					Ovalue
13) Acetone	4.13	43	11966	20.820 ug/L	72
15) Methyl Acetate	4.68	43	2515	2.528 ug/L #	85
16) Methylene chloride	4.92	84	4123m	2.824 ug/L	

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

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