

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014415.D
 Acq On : 18 Dec 2019 01:46
 Operator : SY/VA
 Sample : K6279-11
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEY5

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:36:07 PM

Quant Time: Dec 18 04:52:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	632404	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	520485	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	136781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	181875	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
7) Chloroethane-d5	2.89	69	167661	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.01	63	258907	15.31	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.24%
20) 2-Butanone-d5	7.07	46	66934	26.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.64%
24) Chloroform-d	7.65	84	432558	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.30	65	251870	29.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.36%
29) Benzene-d6	8.27	84	818738	26.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.36%
33) 1,2-Dichloropropane-d6	9.27	67	286112	30.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.96%#
37) Toluene-d8	10.32	98	620852	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.04%
38) trans-1,3-Dichloropropene-	10.57	79	61970	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.96%
39) 2-Hexanone-d5	10.92	63	43054	23.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	196948	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	128896	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds					Ovalue
13) Acetone	4.12	43	34468	14.326 ug/L	98
16) Methylene chloride	4.92	84	23512	2.425 ug/L	87
21) 2-Butanone	7.13	43	32635m	10.103 ug/L	

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

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