

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121919\
 Data File : VW014463.D
 Acq On : 19 Dec 2019 16:44
 Operator : SY/VA
 Sample : K6322-09
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 12/20/2019 1:20:00 PM

Quant Time: Dec 20 02:05:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 20 01:12:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1135054	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1046688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	458688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	294263	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.48%
7) Chloroethane-d5	2.89	69	257258	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	4.01	63	444704m	14.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.60%
20) 2-Butanone-d5	7.07	46	252049	56.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.54%
24) Chloroform-d	7.64	84	665514	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.30	65	377573m	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.68%
29) Benzene-d6	8.27	84	1342580	21.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.56%
33) 1,2-Dichloropropane-d6	9.27	67	439237	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.08%
37) Toluene-d8	10.32	98	1168685	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.28%
38) trans-1,3-Dichloropropene-	10.58	79	166476	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	10.92	63	188924	50.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	372840	24.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	402664	22.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.88%

Target Compounds				Ovalue
13) Acetone	4.12	43	16388	3.795 ug/L 97
16) Methylene chloride	4.91	84	27972	1.608 ug/L 78

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

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