

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016740.D
 Acq On : 01 Oct 2020 16:04
 Operator : SY/VA
 Sample : L4203-10
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3R2

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 4:11:48 PM

Quant Time: Oct 01 22:24:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	702009	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	614673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	296116	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	112285	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
7) Chloroethane-d5	2.90	69	110026	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.32%
10) 1,1-Dichloroethene-d2	4.03	63	194818	12.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.28%
20) 2-Butanone-d5	7.09	46	65131	35.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.32%
24) Chloroform-d	7.66	84	318909	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.31	65	156405	20.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.00%
29) Benzene-d6	8.28	84	621777	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.28	67	175314	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	10.33	98	582287	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
38) trans-1,3-Dichloropropene-	10.58	79	66673	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.80%
39) 2-Hexanone-d5	10.93	63	52149	38.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132563	20.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	223993	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

Target Compounds					Ovalue
13) Acetone	4.14	43	3519m	2.425 ug/L	
16) Methylene chloride	4.93	84	43253	3.995 ug/L	94

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

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