

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016916.D
 Acq On : 15 Oct 2020 16:56
 Operator : SY/VA
 Sample : L4421-20
 Misc : 6.52G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG1A8

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:00:21 AM

Quant Time: Oct 16 09:01:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	559281	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480697	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198110	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106087	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.90	69	90868	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
10) 1,1-Dichloroethene-d2	4.03	63	159499	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	7.09	46	44161	35.34	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.68%
24) Chloroform-d	7.65	84	236551	20.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.16%
26) 1,2-Dichloroethane-d4	8.31	65	116095	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.48%
29) Benzene-d6	8.28	84	476500	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.27	67	132459	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	432982	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	47679	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.72%
39) 2-Hexanone-d5	10.93	63	36363	40.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94690	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	135618	21.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.32%

Target Compounds					Ovalue
13) Acetone	4.16	43	2924m	3.092 ug/L	
16) Methylene chloride	4.93	84	22925	2.970 ug/L	96
47) Tetrachloroethene	10.87	164	161325	23.831 ug/L	97

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

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