

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016747.D
 Acq On : 01 Oct 2020 18:50
 Operator : SY/VA
 Sample : L4203-17
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T1

Quant Time: Oct 01 22:44:49 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	640572	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	544501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	243832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	98286	15.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.40%
7) Chloroethane-d5	2.90	69	97687	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
10) 1,1-Dichloroethene-d2	4.03	63	168450	12.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.60%
20) 2-Butanone-d5	7.09	46	61667	36.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.96%
24) Chloroform-d	7.66	84	290730	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	8.31	65	146282	21.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.08%
29) Benzene-d6	8.28	84	549219	22.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.96%
33) 1,2-Dichloropropane-d6	9.28	67	161837	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	10.33	98	506410	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	10.58	79	59360	17.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.16%
39) 2-Hexanone-d5	10.93	63	49298	40.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124579	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	178718	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

					Ovalue
13) Acetone	4.15	43	7536	5.691	ug/L 94
14) Carbon disulfide	4.40	76	9469	0.387	ug/L 96
16) Methylene chloride	4.93	84	32963	3.336	ug/L 96
22) cis-1,2-Dichloroethene	7.18	96	6305	0.723	ug/L 93
34) Benzene	8.33	78	12039	0.413	ug/L 100
35) Trichloroethene	9.10	95	89954	10.653	ug/L 98
47) Tetrachloroethene	10.87	164	2015916	264.399	ug/L 86

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

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