

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017305.D
 Acq On : 17 Nov 2020 23:32
 Operator : SY/VA
 Sample : L4738-11
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X8

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:56 AM

Quant Time: Nov 18 21:17:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	409383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95013	18.43	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.72%
7) Chloroethane-d5	2.89	69	85828	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.02	63	144349	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	7.08	46	55704	48.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.62%
24) Chloroform-d	7.65	84	229543	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.31	65	121109m	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.96%
29) Benzene-d6	8.27	84	437765	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.27	67	125989	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.64%
37) Toluene-d8	10.32	98	398853	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.44%
38) trans-1,3-Dichloropropene-	10.58	79	49712	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	47045	53.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110324	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	115229	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
13) Acetone	4.14	43	39707	51.428	ug/L 100
14) Carbon disulfide	4.39	76	21408	1.548	ug/L 99
16) Methylene chloride	4.92	84	10464	1.896	ug/L 98
21) 2-Butanone	7.18	43	4954	3.996	ug/L 97
44) Toluene	10.39	91	6831	0.332	ug/L 99

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

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