

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017198.D
 Acq On : 12 Nov 2020 20:27
 Operator : SY/VA
 Sample : L4712-03
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F1

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:51:25 AM

Quant Time: Nov 13 06:42:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	406686	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109191	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.28%
7) Chloroethane-d5	2.89	69	97569	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.02	63	150008	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.10	46	40655	35.49	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.98%
24) Chloroform-d	7.65	84	225272	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	112226	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.12%
29) Benzene-d6	8.27	84	437945	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	119295	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	418178	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.12%
38) trans-1,3-Dichloropropene-	10.58	79	44612	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	10.93	63	33282	38.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88591	20.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	125637	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds					Ovalue
13) Acetone	4.18	43	7331m	9.558	ug/L
14) Carbon disulfide	4.38	76	5302	0.386	ug/L # 88
16) Methylene chloride	4.92	84	7579	1.382	ug/L 94

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

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