

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017039.D
 Acq On : 02 Nov 2020 11:51
 Operator : SY/VA
 Sample : L4543-13
 Misc : 4.95G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG471

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:31:58 AM

Quant Time: Nov 03 05:25:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	602865	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	531999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239251	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	166609	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
7) Chloroethane-d5	2.90	69	137478	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.00%
10) 1,1-Dichloroethene-d2	4.02	63	253407	18.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.88%
20) 2-Butanone-d5	7.09	46	53562	40.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
24) Chloroform-d	7.65	84	338015	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.31	65	152551	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.24%
29) Benzene-d6	8.28	84	708234	25.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.68%
33) 1,2-Dichloropropane-d6	9.28	67	189001	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.48%
37) Toluene-d8	10.33	98	662501	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.00%
38) trans-1,3-Dichloropropene-	10.58	79	72273	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.36%
39) 2-Hexanone-d5	10.93	63	43333	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123274	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	216925	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds					Ovalue
13) Acetone	4.15	43	5516m	6.254 ug/L	
16) Methylene chloride	4.92	84	24040	3.016 ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	2178	0.700 ug/L #	91

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

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