

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW017000.D
 Acq On : 26 Oct 2020 15:46
 Operator : SY/VA
 Sample : L4502-12RE
 Misc : 4.51G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG439RE

Quant Time: Oct 27 09:10:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	709025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	611610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236836	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117808	14.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.60%
7) Chloroethane-d5	2.89	69	92929	14.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.64%
10) 1,1-Dichloroethene-d2	4.03	63	166602	10.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.88%#
20) 2-Butanone-d5	7.08	46	55207	35.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.62%
24) Chloroform-d	7.65	84	243877	14.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.64%
26) 1,2-Dichloroethane-d4	8.31	65	122883	15.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.88%#
29) Benzene-d6	8.27	84	503149	16.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.08%
33) 1,2-Dichloropropane-d6	9.27	67	141642	16.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.80%#
37) Toluene-d8	10.33	98	459750	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.16%
38) trans-1,3-Dichloropropene-	10.58	79	56595	15.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.88%
39) 2-Hexanone-d5	10.93	63	45935	38.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109763	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	129179	15.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.08%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	6445	6.214 ug/L	93
14) Carbon disulfide	4.39	76	16456	0.585 ug/L	99
16) Methylene chloride	4.92	84	12420	1.325 ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	2785	0.779 ug/L	91

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

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