

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW016990.D
 Acq On : 26 Oct 2020 11:50
 Operator : SY/VA
 Sample : L4502-10
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 27 08:34:19 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	500034	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	415996	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152429	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.64%
7) Chloroethane-d5	2.89	69	118430	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.96%
10) 1,1-Dichloroethene-d2	4.02	63	219486	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.20%
20) 2-Butanone-d5	7.08	46	46583	42.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.70%
24) Chloroform-d	7.65	84	284213	24.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	8.31	65	126451	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.20%
29) Benzene-d6	8.27	84	605185	28.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.28%
33) 1,2-Dichloropropane-d6	9.27	67	160493	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.32%
37) Toluene-d8	10.32	98	559110	27.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.16%
38) trans-1,3-Dichloropropene-	10.58	79	56225	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.88%
39) 2-Hexanone-d5	10.93	63	36682	45.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98659	22.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	144432	27.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.92%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	4731	0.656 ug/L	# 7
13) Acetone	4.13	43	5541m	7.575 ug/L	
14) Carbon disulfide	4.39	76	15242	0.768 ug/L	97
16) Methylene chloride	4.92	84	5874m	0.888 ug/L	
34) Benzene	8.32	78	15636	0.680 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1764	0.725 ug/L	99
47) Tetrachloroethene	10.87	164	24597	4.201 ug/L	97

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

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