

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016116.D
 Acq On : 10 Aug 2020 21:53
 Operator : SY/VA
 Sample : L3598-07MS
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 11 02:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252809	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69432	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111052	28.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.56%
7) Chloroethane-d5	2.89	69	80747	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.72%
10) 1,1-Dichloroethene-d2	4.01	63	211302	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.60%
20) 2-Butanone-d5	7.09	46	81808	80.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.34%#
24) Chloroform-d	7.65	84	228653	27.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.96%
26) 1,2-Dichloroethane-d4	8.31	65	141649	31.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.08%
29) Benzene-d6	8.27	84	426206	30.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.96%
33) 1,2-Dichloropropane-d6	9.27	67	131026	32.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.60%#
37) Toluene-d8	10.32	98	344666	27.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.32%
38) trans-1,3-Dichloropropene-	10.58	79	58629	32.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.04%
39) 2-Hexanone-d5	10.93	63	64202	92.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115639	35.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.48%#
61) 1,2-Dichlorobenzene-d4	13.86	152	67642	27.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	86062m	21.437	ug/L	
13) Acetone	4.14	43	6691	8.668	ug/L	99
16) Methylene chloride	4.92	84	9662	1.956	ug/L	94
34) Benzene	8.32	78	401753	27.558	ug/L	100
35) Trichloroethene	9.09	95	94462	24.097	ug/L	99
44) Toluene	10.39	91	384131	24.961	ug/L	97
52) Chlorobenzene	11.66	112	224573	22.055	ug/L	98

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

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