

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016382.D
 Acq On : 27 Aug 2020 10:58
 Operator : SY/VA
 Sample : L3800-07
 Misc : 6.75G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 08:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	7681	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	4435	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	2205	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
7) Chloroethane-d5	2.89	69	2240	35.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	143.92%
10) 1,1-Dichloroethene-d2	4.04	63	3799m	19.50	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.00%
20) 2-Butanone-d5	7.12	46	578m	24.78	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.56%
24) Chloroform-d	7.65	84	4907	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.32	65	2315	22.43	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.28	84	9312	37.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.44%#
33) 1,2-Dichloropropane-d6	9.28	67	2451	35.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.08%#
37) Toluene-d8	10.33	98	6879	29.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.80%
38) trans-1,3-Dichloropropene-	10.59	79	542	16.39	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.56%
39) 2-Hexanone-d5	10.94	63	103	9.38	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.76%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1142	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	635m	25.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.84%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	492	5.482	ug/L # 71
16) Methylene chloride	4.93	84	1241m	8.740	ug/L
22) cis-1,2-Dichloroethene	7.17	96	11753m	104.330	ug/L
35) Trichloroethene	9.10	95	1070	14.855	ug/L 92
47) Tetrachloroethene	10.87	164	8470	149.124	ug/L 93

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

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