

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017060.D
 Acq On : 03 Nov 2020 15:33
 Operator : SY/VA
 Sample : L4615-04
 Misc : 5.74G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 05:16:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	531452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167003	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124460	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
7) Chloroethane-d5	2.89	69	105196	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.03	63	189787	15.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.64%
20) 2-Butanone-d5	7.08	46	53793	46.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.12%
24) Chloroform-d	7.65	84	267039	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.31	65	131211	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.96%
29) Benzene-d6	8.28	84	541469	23.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.40%
33) 1,2-Dichloropropane-d6	9.27	67	150727	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	10.33	98	499445	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.58	79	58211	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	10.93	63	43963	51.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108912	23.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	137516	23.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.72%

Target Compounds

					Ovalue	
12) 1,1-Dichloroethene	4.05	96	17539m	2.521	ug/L	
13) Acetone	4.12	43	5889	7.575	ug/L	96
16) Methylene chloride	4.92	84	15160	2.158	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	23602	3.209	ug/L	99
34) Benzene	8.32	78	182119	7.459	ug/L	100
35) Trichloroethene	9.09	95	887693	131.280	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	2309	0.893	ug/L	93
47) Tetrachloroethene	10.87	164	10955586	1761.351	ug/L	94

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

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