

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015923.D
 Acq On : 23 Jul 2020 15:52
 Operator : SY/VA
 Sample : L3395-02MS
 Misc : 6.28G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY13MS

Quant Time: Jul 24 07:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	377016	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136095	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118531	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
7) Chloroethane-d5	2.90	69	91380	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
10) 1,1-Dichloroethene-d2	4.02	63	230384	21.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.68%
20) 2-Butanone-d5	7.09	46	103388	73.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.96%#
24) Chloroform-d	7.65	84	224075	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.31	65	144601	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.52%
29) Benzene-d6	8.28	84	438920	20.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.16%
33) 1,2-Dichloropropane-d6	9.28	67	139063	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.88%
37) Toluene-d8	10.33	98	394041	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.44%
38) trans-1,3-Dichloropropene-	10.58	79	62490	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.68%
39) 2-Hexanone-d5	10.93	63	78937	74.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149456	30.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.88%#
61) 1,2-Dichlorobenzene-d4	13.86	152	121166	22.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.32%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	4.04	96	104103	21.480	ug/L	90
13) Acetone	4.13	43	61487	52.394	ug/L	97
14) Carbon disulfide	4.39	76	3902	0.255	ug/L	96
21) 2-Butanone	7.20	43	5270	3.631	ug/L #	72
34) Benzene	8.33	78	470762	22.350	ug/L	100
35) Trichloroethene	9.10	95	120856	21.690	ug/L	99
44) Toluene	10.39	91	499523	22.612	ug/L	100
52) Chlorobenzene	11.66	112	302013	21.335	ug/L	95

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

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