

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072720\
 Data File : VW015969.D
 Acq On : 27 Jul 2020 16:12
 Operator : SY/VA
 Sample : L3458-05
 Misc : 5.37G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY33

Quant Time: Jul 28 09:06:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	309276	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287933	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83908	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.90	69	67967	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
10) 1,1-Dichloroethene-d2	4.01	63	128292	14.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.09	46	82992	72.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.80%#
24) Chloroform-d	7.65	84	165729	19.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.32%
26) 1,2-Dichloroethane-d4	8.31	65	103109	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.48%
29) Benzene-d6	8.28	84	337098	19.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.92%
33) 1,2-Dichloropropane-d6	9.28	67	106484	20.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.08%
37) Toluene-d8	10.33	98	294858	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.28%
38) trans-1,3-Dichloropropene-	10.58	79	46944	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.93	63	65179	74.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116875	28.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	104019	21.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.08%

Target Compounds

					Qvalue
13) Acetone	4.13	43	22261	23.123 ug/L	94
15) Methyl Acetate	4.68	43	8877	4.890 ug/L	98
16) Methylene chloride	4.92	84	12853	2.536 ug/L	90
22) cis-1,2-Dichloroethene	7.18	96	54813	12.479 ug/L	99
35) Trichloroethene	9.10	95	133721	28.906 ug/L	99
44) Toluene	10.39	91	8396	0.458 ug/L	93
63) 1,3-Dichlorobenzene	13.51	146	2491	0.310 ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	2891	0.355 ug/L	90
68) 1,2,4-trichlorobenzene	15.14	180	1676	0.374 ug/L	94

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

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