

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015901.D
 Acq On : 22 Jul 2020 11:36
 Operator : SY/VA
 Sample : L3348-01
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY7

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 12:12:39 PM

Quant Time: Jul 23 03:13:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	497208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98748	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147025	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.90	69	111147	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.01	63	207366	14.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.48%
20) 2-Butanone-d5	7.09	46	69370	37.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.28%
24) Chloroform-d	7.65	84	252211	18.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.24%
26) 1,2-Dichloroethane-d4	8.31	65	140718	18.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.44%
29) Benzene-d6	8.27	84	502999	22.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.24%
33) 1,2-Dichloropropane-d6	9.27	67	150638	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.16%
37) Toluene-d8	10.32	98	415307	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	10.58	79	55120	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	49263	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97345	18.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	70733	18.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.48%#

Target Compounds

					Ovalue
13) Acetone	4.14	43	48617	31.413 ug/L	97
14) Carbon disulfide	4.38	76	18260	0.905 ug/L	99
15) Methyl Acetate	4.68	43	2686m	0.920 ug/L	
21) 2-Butanone	7.18	43	5955	3.112 ug/L	76
34) Benzene	8.33	78	11260	0.495 ug/L	100
36) Methylcyclohexane	9.34	83	8453	0.818 ug/L #	82
44) Toluene	10.39	91	13852	0.580 ug/L	96
47) Tetrachloroethene	10.87	164	52635	11.266 ug/L	92

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

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