

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015981.D
 Acq On : 28 Jul 2020 14:05
 Operator : SY/VA
 Sample : L3458-13
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY39

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:19:15 PM

Quant Time: Jul 29 05:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	450819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	424111	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131150	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.48%
7) Chloroethane-d5	2.90	69	107177	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.01	63	204203	15.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.52%
20) 2-Butanone-d5	7.09	46	95842	57.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.72%
24) Chloroform-d	7.65	84	277986	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	8.31	65	162194	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.36%
29) Benzene-d6	8.28	84	561228	21.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.96%
33) 1,2-Dichloropropane-d6	9.28	67	178127	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.08%
37) Toluene-d8	10.33	98	500549	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	75121	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.93	63	76914	59.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159553	26.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	169216	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds					Ovalue
13) Acetone	4.13	43	15671	11.167 ug/L	96
15) Methyl Acetate	4.67	43	2763m	1.044 ug/L	
16) Methylene chloride	4.92	84	11604m	1.571 ug/L	
35) Trichloroethene	9.10	95	6228	0.914 ug/L	98

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

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