

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022620\
 Data File : VW015050.D
 Acq On : 26 Feb 2020 18:28
 Operator : SY/VA
 Sample : L1686-10
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW07

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 3:37:35 PM

Quant Time: Feb 27 04:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 02:01:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	694478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	670110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	233054	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	376439	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.89	69	275552	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.02	63	460863	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.07	46	177946	61.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.58%
24) Chloroform-d	7.65	84	571787	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	352450m	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.44%
29) Benzene-d6	8.27	84	1091054	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	9.27	67	401778	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	943299	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.24%
38) trans-1,3-Dichloropropene-	10.57	79	147769	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.72%
39) 2-Hexanone-d5	10.92	63	147929	72.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.96%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	284815	28.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	243813	28.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.20%

Target Compounds					Ovalue
13) Acetone	4.12	43	17460	5.084	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	8290	0.759	ug/L 93
35) Trichloroethene	9.09	95	92018	7.631	ug/L 99
44) Toluene	10.39	91	21046	0.435	ug/L 95
47) Tetrachloroethene	10.86	164	9046888	1164.122	ug/L 96
52) Chlorobenzene	11.66	112	13980	0.491	ug/L 93

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

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