

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022720\
 Data File : VW015067.D
 Acq On : 27 Feb 2020 16:22
 Operator : SY/VA
 Sample : L1686-08
 Misc : 5.89G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW05

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:29:59 PM

Quant Time: Feb 28 04:41:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 28 03:59:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	798968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	759403	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	269479	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	411527	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
7) Chloroethane-d5	2.89	69	305971	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
10) 1,1-Dichloroethene-d2	4.02	63	510814	16.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.68%
20) 2-Butanone-d5	7.07	46	181816	54.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.86%
24) Chloroform-d	7.65	84	648606m	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.31	65	391555m	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	8.27	84	1242320	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.27	67	455278	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	1071844	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.48%
38) trans-1,3-Dichloropropene-	10.57	79	154593	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
39) 2-Hexanone-d5	10.92	63	150158	64.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	301651	26.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	269327	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%

Target Compounds

					Ovalue
13) Acetone	4.12	43	28453	7.202	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	10671	0.864	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	25457	2.026	ug/L 99
35) Trichloroethene	9.09	95	1089280	79.714	ug/L 99
44) Toluene	10.38	91	34100	0.622	ug/L 94
47) Tetrachloroethene	10.86	164	8714118	989.456	ug/L 96
52) Chlorobenzene	11.66	112	14644	0.454	ug/L 98

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

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