

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016688.D
 Acq On : 29 Sep 2020 15:52
 Operator : SY/VA
 Sample : L4184-14
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP0

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:43:43 PM

Quant Time: Sep 30 09:19:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	643226	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	538742	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	246983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	109923	17.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.64%
7) Chloroethane-d5	2.91	69	100287	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
10) 1,1-Dichloroethene-d2	4.03	63	187556	13.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.88%
20) 2-Butanone-d5	7.09	46	61711	36.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.70%
24) Chloroform-d	7.66	84	286662	21.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	8.31	65	147033	21.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.16%
29) Benzene-d6	8.28	84	551703	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.28	67	153606	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.33	98	523174	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.04%
38) trans-1,3-Dichloropropene-	10.59	79	63671	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.93	63	48934	41.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118734	21.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	171361	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

Target Compounds					Ovalue
13) Acetone	4.14	43	2362m	1.776	ug/L
16) Methylene chloride	4.93	84	10081m	1.016	ug/L
68) 1,2,4-trichlorobenzene	15.13	180	2266	0.238	ug/L

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

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