

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016691.D
 Acq On : 29 Sep 2020 17:03
 Operator : SY/VA
 Sample : L4184-16
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP2

Manual Integrations
 APPROVED

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

Quant Time: Sep 30 22:33:29 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	669784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	559618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230822	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	121516	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.96%
7) Chloroethane-d5	2.91	69	113247	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
10) 1,1-Dichloroethene-d2	4.03	63	204677	14.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.48%
20) 2-Butanone-d5	7.09	46	69666	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
24) Chloroform-d	7.65	84	325384	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	168342	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.28	84	617526	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.28	67	176603	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.88%
37) Toluene-d8	10.33	98	571004	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	70695	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.48%
39) 2-Hexanone-d5	10.93	63	57075	46.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136080	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	181537	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds					Ovalue
13) Acetone	4.14	43	3508m	2.534	ug/L
16) Methylene chloride	4.93	84	10839	1.049	ug/L

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

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