

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016605.D
 Acq On : 22 Sep 2020 10:42
 Operator : SY/VA
 Sample : VW0923SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK18

Manual Integrations
 APPROVED

sam
 10/5/2020 6:08:00 PM

Quant Time: Sep 23 10:34:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	597246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	534908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	104602	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
7) Chloroethane-d5	2.90	69	91062	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
10) 1,1-Dichloroethene-d2	4.03	63	159172	12.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.28%
20) 2-Butanone-d5	7.09	46	63114	40.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.08%
24) Chloroform-d	7.65	84	268434	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.31	65	142015	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.56%
29) Benzene-d6	8.28	84	481565	20.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.28%
33) 1,2-Dichloropropane-d6	9.28	67	142957	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.96%
37) Toluene-d8	10.33	98	445018	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.44%
38) trans-1,3-Dichloropropene-	10.58	79	65721	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.93	63	51577	43.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120640	21.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	190863	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds				Ovalue
16) Methylene chloride	4.92	84	10741m	1.166 ug/L

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

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