

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016665.D
 Acq On : 28 Sep 2020 13:25
 Operator : SY/VA
 Sample : L4171-04
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y6

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:23:51 PM

Quant Time: Sep 29 06:13:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	774804	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	682353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	342914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	152141	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
7) Chloroethane-d5	2.90	69	138356	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.03	63	256826	15.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.28%
20) 2-Butanone-d5	7.09	46	80038	39.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.28%
24) Chloroform-d	7.65	84	392882	24.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	8.31	65	201033	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
29) Benzene-d6	8.28	84	770950	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.28	67	216670	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.52%
37) Toluene-d8	10.33	98	746229	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	10.58	79	92682	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	67071	44.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160315	22.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	278081	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds					Ovalue
13) Acetone	4.14	43	10095	6.303 ug/L	92
16) Methylene chloride	4.92	84	21793m	1.824 ug/L	
68) 1,2,4-trichlorobenzene	15.13	180	21573	1.635 ug/L	94

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

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