

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017291.D
 Acq On : 17 Nov 2020 17:08
 Operator : SY/VA
 Sample : L4749-04
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF7

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:36 AM

Quant Time: Nov 18 04:35:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	389641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333984	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128511	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93486	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
7) Chloroethane-d5	2.90	69	83614	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.02	63	135896	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.09	46	31067	28.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.62%
24) Chloroform-d	7.65	84	210329	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.31	65	101190	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.52%
29) Benzene-d6	8.28	84	391468	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	110655	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.08%
37) Toluene-d8	10.33	98	356075	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	10.58	79	34351	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.80%
39) 2-Hexanone-d5	10.93	63	22780	27.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78815	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	108262	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

Target Compounds					Ovalue
13) Acetone	4.14	43	1319m	1.795	ug/L
16) Methylene chloride	4.93	84	16947	3.226	ug/L
44) Toluene	10.39	91	4969	0.257	ug/L

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

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