

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016453.D
 Acq On : 03 Sep 2020 18:06
 Operator : SY/VA
 Sample : L3905-09
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX03

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 3:36:58 PM

Quant Time: Sep 04 06:13:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	929809	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	806797	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	363670	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	276799	28.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.24%
7) Chloroethane-d5	2.90	69	223416	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
10) 1,1-Dichloroethene-d2	4.02	63	402506	17.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.00%
20) 2-Butanone-d5	7.08	46	106876	30.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.68%
24) Chloroform-d	7.65	84	484856	22.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	8.31	65	247954m	20.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.28%
29) Benzene-d6	8.28	84	1020551	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
33) 1,2-Dichloropropane-d6	9.27	67	276759	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.88%
37) Toluene-d8	10.33	98	977468	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.28%
38) trans-1,3-Dichloropropene-	10.58	79	131707	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.64%
39) 2-Hexanone-d5	10.93	63	85630	34.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193487	18.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	306379	24.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.52%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	32472	2.561 ug/L	98
35) Trichloroethene	9.10	95	16835	1.377 ug/L	98
47) Tetrachloroethene	10.87	164	1693929	172.848 ug/L	98

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

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