

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017852.D
 Acq On : 13 Jan 2021 17:05
 Operator : SY/VA
 Sample : M1117-05
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFN62

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 4:06:58 PM

Quant Time: Jan 14 14:28:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	298995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240983	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80169	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128030	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.68%
7) Chloroethane-d5	2.89	69	103775	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.72%
10) 1,1-Dichloroethene-d2	4.02	63	159924	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.36%
20) 2-Butanone-d5	7.07	46	53356	71.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.32%#
24) Chloroform-d	7.65	84	215042	27.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	8.31	65	126583	31.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.20%
29) Benzene-d6	8.27	84	420711	30.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.96%
33) 1,2-Dichloropropane-d6	9.27	67	123969	33.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.52%#
37) Toluene-d8	10.32	98	359598	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.32%
38) trans-1,3-Dichloropropene-	10.58	79	46457	27.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.40%
39) 2-Hexanone-d5	10.93	63	32487	69.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.28%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	89259	32.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	74670	26.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	3415m	5.274	ug/L	
16) Methylene chloride	4.92	84	11249	2.631	ug/L	86
53) Ethylbenzene	11.73	91	8883	0.498	ug/L	87
54) m,p-Xylene	11.83	106	14218	2.039	ug/L	96
55) o-xylene	12.16	106	5285	0.806	ug/L	79

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

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