

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021120\
 Data File : VW014965.D
 Acq On : 11 Feb 2020 15:04
 Operator : SY/VA
 Sample : L1416-16
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S44

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:58:53 PM

Quant Time: Feb 12 01:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 00:12:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	788633	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	725110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	254145	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	203857	15.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.44%
7) Chloroethane-d5	2.89	69	203664	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.92%
10) 1,1-Dichloroethene-d2	4.01	63	326706	13.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.80%
20) 2-Butanone-d5	7.07	46	136631	37.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.58%
24) Chloroform-d	7.65	84	507546	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.30	65	291319m	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.04%
29) Benzene-d6	8.27	84	958114	20.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.20%
33) 1,2-Dichloropropane-d6	9.27	67	350119	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.16%
37) Toluene-d8	10.32	98	784645	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.48%
38) trans-1,3-Dichloropropene-	10.58	79	106245	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.84%
39) 2-Hexanone-d5	10.92	63	90848	32.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	226942	19.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	214156	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds Ovalue

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

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