

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014944.D
 Acq On : 10 Feb 2020 15:52
 Operator : SY/VA
 Sample : L1416-01
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S29

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 6:10:22 PM

Quant Time: Feb 11 01:25:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	41972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	35933	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	5458	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	15196	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
7) Chloroethane-d5	2.89	69	19597	35.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.92%
10) 1,1-Dichloroethene-d2	4.03	63	25278	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.64%
20) 2-Butanone-d5	7.09	46	10761	55.18	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.36%
24) Chloroform-d	7.65	84	39437	33.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	132.36%
26) 1,2-Dichloroethane-d4	8.31	65	23788	36.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.28%#
29) Benzene-d6	8.27	84	65070	28.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.64%
33) 1,2-Dichloropropane-d6	9.27	67	25352	33.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.68%#
37) Toluene-d8	10.32	98	40915	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.48%
38) trans-1,3-Dichloropropene-	10.58	79	6362	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.60%
39) 2-Hexanone-d5	10.93	63	4078m	29.71	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	16977	29.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	6657	31.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.80%#

Target Compounds				Ovalue
16) Methylene chloride	4.91	84	4304m	5.629 ug/L

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

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