

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021120\
 Data File : VW014964.D
 Acq On : 11 Feb 2020 14:38
 Operator : SY/VA
 Sample : L1416-15
 Misc : 4.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S43

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:58:47 PM

Quant Time: Feb 12 01:04:28 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	716479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	657126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	225917	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	213005	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.84%
7) Chloroethane-d5	2.89	69	215455	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.76%
10) 1,1-Dichloroethene-d2	4.02	63	345889	15.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.84%
20) 2-Butanone-d5	7.08	46	145124	43.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.20%
24) Chloroform-d	7.65	84	531400	26.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	8.31	65	309605m	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.00%
29) Benzene-d6	8.27	84	1003408	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.27	67	368072	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.92%
37) Toluene-d8	10.32	98	815610	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	10.58	79	111030	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.68%
39) 2-Hexanone-d5	10.92	63	96702	38.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	237480	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	218913	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds Ovalue

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

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