

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
 Data File : VW014800.D
 Acq On : 29 Jan 2020 17:36
 Operator : SY/VA
 Sample : L1303-07
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF2

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 5:33:34 PM

Quant Time: Jan 30 07:51:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 07:05:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	862384	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	796806	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	343704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	336888	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
7) Chloroethane-d5	2.89	69	274538	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
10) 1,1-Dichloroethene-d2	4.02	63	439209	17.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.07	46	155959	40.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.42%
24) Chloroform-d	7.65	84	571923	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	8.30	65	310808m	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
29) Benzene-d6	8.27	84	1177891	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	381667	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.32	98	1072053	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.58	79	147370	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.92	63	132310	45.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	266988	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	336899	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

					Ovalue
13) Acetone	4.12	43	18848	4.537 ug/L	99
16) Methylene chloride	4.92	84	40010	2.745 ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	217310	17.064 ug/L	99
35) Trichloroethene	9.09	95	262362	20.237 ug/L	99
46) 1,1,2-Trichloroethane	10.76	97	15490	1.754 ug/L #	23
47) Tetrachloroethene	10.85	164	29122500m	2811.500 ug/L	
52) Chlorobenzene	11.66	112	25203	0.778 ug/L	93

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

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