

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014310.D
 Acq On : 11 Dec 2019 18:06
 Operator : SY/VA
 Sample : K6172-16RE
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C14RE

Manual Integrations
 APPROVED

apatel
 12/12/2019 4:21:21 PM

Quant Time: Dec 12 06:24:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 04:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1028344	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	763766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	204366	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	360407	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
7) Chloroethane-d5	2.89	69	321463	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
10) 1,1-Dichloroethene-d2	4.01	63	496641	18.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.24%
20) 2-Butanone-d5	7.07	46	195104	48.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.16%
24) Chloroform-d	7.64	84	710271m	27.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.52%
26) 1,2-Dichloroethane-d4	8.30	65	357146	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.08%
29) Benzene-d6	8.27	84	1461414	32.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.60%
33) 1,2-Dichloropropane-d6	9.27	67	470189	34.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.56%#
37) Toluene-d8	10.32	98	1180826	29.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.68%
38) trans-1,3-Dichloropropene-	10.57	79	123632	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.60%
39) 2-Hexanone-d5	10.92	63	141860	51.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	311920	27.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	252919	32.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.56%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	46511	11.888	ug/L 100
14) Carbon disulfide	4.39	76	16656	0.395	ug/L 96
16) Methylene chloride	4.91	84	28276	1.794	ug/L 97
21) 2-Butanone	7.17	43	18634	3.548	ug/L 94

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

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