

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014386.D
 Acq On : 17 Dec 2019 12:25
 Operator : SY/VA
 Sample : K6270-12
 Misc : 4.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK88

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 11:09:26 AM

Quant Time: Dec 18 11:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 01:35:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	9174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	4122m	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	13.57	152	893	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	4966	35.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	143.00%
7) Chloroethane-d5	2.90	69	4581	44.35	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	177.40%#
10) 1,1-Dichloroethene-d2	4.03	63	6258	25.50	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.00%
20) 2-Butanone-d5	7.09	46	2349m	64.89	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.78%
24) Chloroform-d	7.65	84	8854	37.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	151.64%#
26) 1,2-Dichloroethane-d4	8.31	65	6028	49.22	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	196.88%#
29) Benzene-d6	8.28	84	13556	56.11	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	224.44%#
33) 1,2-Dichloropropane-d6	9.27	67	4914	66.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	264.48%#
37) Toluene-d8	10.32	98	6719	30.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.04%
38) trans-1,3-Dichloropropene-	10.59	79	1154m	37.01	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	148.04%#
39) 2-Hexanone-d5	10.95	63	433m	29.30	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	3727	61.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	246.16%#
61) 1,2-Dichlorobenzene-d4	13.86	152	1094	32.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	128.24%#

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	591m	4.202	ug/L
30) Cyclohexane	7.95	56	319	3.101	ug/L # 71
36) Methylcyclohexane	9.32	83	79	0.704	ug/L # 1

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

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