

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112219\
 Data File : VW014093.D
 Acq On : 22 Nov 2019 14:21
 Operator : SY/VA
 Sample : K5989-01
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BG6

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:35:29 AM

Quant Time: Nov 22 23:13:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 22 23:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	282302	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85257	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
7) Chloroethane-d5	2.89	69	82066	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
10) 1,1-Dichloroethene-d2	4.01	63	141666	15.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	7.07	46	69173	52.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.72%
24) Chloroform-d	7.64	84	217042	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.30	65	117631m	26.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.84%
29) Benzene-d6	8.27	84	445998	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.27	67	139664	26.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.76%
37) Toluene-d8	10.32	98	386829	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	10.57	79	50107	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.28%
39) 2-Hexanone-d5	10.92	63	49722	50.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107064	27.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	114434	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

Target Compounds				Ovalue
16) Methylene chloride	4.91	84	9979m	1.836 ug/L

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

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