

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009909.D
 Acq On : 11 Apr 2019 12:39
 Operator : SY/VA
 Sample : K2304-05
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF890

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:23 AM

Quant Time: Apr 12 02:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	224178	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	158502	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	49897	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	58060	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.01	63	98611	15.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.52%
20) 2-Butanone-d5	7.08	46	52187	54.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.58%
24) Chloroform-d	7.65	84	196723	32.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.64%
26) 1,2-Dichloroethane-d4	8.31	65	146853m	39.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.40%#
29) Benzene-d6	8.27	84	322508	38.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	155.04%#
33) 1,2-Dichloropropane-d6	9.27	67	116441	45.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	181.24%#
37) Toluene-d8	10.32	98	215398	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.00%
38) trans-1,3-Dichloropropene-	10.57	79	36876	30.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.36%
39) 2-Hexanone-d5	10.93	63	25824	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66821	27.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	23150	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%

Target Compounds					Ovalue	
13) Acetone	4.12	43	17802m	17.444	ug/L	
14) Carbon disulfide	4.37	76	9718	1.050	ug/L	99
16) Methylene chloride	4.92	84	20941	5.297	ug/L	93

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

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