

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009912.D
 Acq On : 11 Apr 2019 14:01
 Operator : SY/VA
 Sample : K2304-08
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF893

Manual Integrations
 APPROVED

Quant Time: Apr 12 03:21:41 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

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Internal Standards R.T. QIon Response Conc Units Dev(Min) 4/15/2019 12:30:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362934	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364615	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89077	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
7) Chloroethane-d5	2.89	69	81037	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
10) 1,1-Dichloroethene-d2	4.02	63	175604	17.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.76%
20) 2-Butanone-d5	7.07	46	107282	69.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.14%#
24) Chloroform-d	7.65	84	238319	24.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	8.31	65	166013	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.20%
29) Benzene-d6	8.27	84	449138	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	9.27	67	147079	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	381228	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.16%
38) trans-1,3-Dichloropropene-	10.58	79	58256	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.93	63	68597	61.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134864	24.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	143176	28.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.56%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	6679	4.043	ug/L	92
16) Methylene chloride	4.92	84	16104m	2.516	ug/L	

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

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