

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009818.D
 Acq On : 08 Apr 2019 23:34
 Operator : SY/VA
 Sample : K2217-12RE
 Misc : 3.64G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF602RE

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:03:05 PM

Quant Time: Apr 18 04:48:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:37:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412072	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316051	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72045	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127680	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.72%
7) Chloroethane-d5	2.89	69	121859	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
10) 1,1-Dichloroethene-d2	4.01	63	216513	18.67	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.68%
20) 2-Butanone-d5	7.08	46	87439	49.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.88%
24) Chloroform-d	7.64	84	330744	29.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.64%
26) 1,2-Dichloroethane-d4	8.30	65	203952	29.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.16%
29) Benzene-d6	8.27	84	584867	35.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.00%#
33) 1,2-Dichloropropane-d6	9.27	67	188510	36.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.16%#
37) Toluene-d8	10.32	98	462423	30.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.56%
38) trans-1,3-Dichloropropene-	10.57	79	64289	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.20%
39) 2-Hexanone-d5	10.93	63	52129	53.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122783	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	70984	28.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.32%

Target Compounds				Ovalue
16) Methylene chloride	4.92	84	27576m	3.794 ug/L

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

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