

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009847.D
 Acq On : 09 Apr 2019 20:01
 Operator : SY/VA
 Sample : K2218-12RE
 Misc : 4.97G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF632RE

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:05:15 PM

Quant Time: Apr 10 05:12:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	423277	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143005	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123683	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.32%
7) Chloroethane-d5	2.89	69	115522	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	4.01	63	227535	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	7.07	46	159738	88.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.64%#
24) Chloroform-d	7.65	84	334004	28.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.68%
26) 1,2-Dichloroethane-d4	8.30	65	227062	32.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.08%
29) Benzene-d6	8.27	84	590861	28.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.40%
33) 1,2-Dichloropropane-d6	9.27	67	193060	30.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.08%#
37) Toluene-d8	10.32	98	495200	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.60%
38) trans-1,3-Dichloropropene-	10.58	79	82873	27.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.88%
39) 2-Hexanone-d5	10.93	63	100763	84.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	207158	35.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.92%#
61) 1,2-Dichlorobenzene-d4	13.86	152	148709	29.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.52%

Target Compounds					Ovalue
13) Acetone	4.12	43	6289	3.264 ug/L	72
16) Methylene chloride	4.92	84	25880m	3.467 ug/L	

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

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