

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009726.D
 Acq On : 05 Apr 2019 12:19
 Operator : SY/VA
 Sample : K2246-16
 Misc : 6.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2Q4

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:56 AM

Quant Time: Apr 19 08:03:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334816	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139703	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94935	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.89	69	95119	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	4.01	63	174906m	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	7.07	46	107862	75.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.64%#
24) Chloroform-d	7.64	84	228162	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.31	65	147238	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	415444	24.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.52%
33) 1,2-Dichloropropane-d6	9.27	67	131777	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.12%
37) Toluene-d8	10.32	98	361911	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.96%
38) trans-1,3-Dichloropropene-	10.57	79	54992	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.72%
39) 2-Hexanone-d5	10.93	63	72394	72.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.46%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149038	30.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	133169	27.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.68%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	12096m	2.048	ug/L
47) Tetrachloroethene	10.86	164	153651	37.780	ug/L

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

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