

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009595.D
 Acq On : 30 Mar 2019 17:28
 Operator : SY/VA
 Sample : K2167-10
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF111

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:02:12 AM

Quant Time: Mar 30 22:05:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352453	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153601	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126881	30.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.52%
7) Chloroethane-d5	2.89	69	111381	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
10) 1,1-Dichloroethene-d2	4.01	63	230571	25.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.32%
20) 2-Butanone-d5	7.07	46	94950	54.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.02%
24) Chloroform-d	7.64	84	246136	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.31	65	155429m	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.27	84	462663	24.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.24%
33) 1,2-Dichloropropane-d6	9.27	67	141840	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	10.32	98	408567	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.76%
38) trans-1,3-Dichloropropene-	10.58	79	61122	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.92%
39) 2-Hexanone-d5	10.93	63	70756	52.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141400	25.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	150140	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	81251	18.721	ug/L	85
19) 1,1-Dichloroethane	6.20	63	20904	2.512	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	64459	13.040	ug/L	96
35) Trichloroethene	9.09	95	118631	24.051	ug/L	97
47) Tetrachloroethene	10.86	164	5531664	1327.266	ug/L	94

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

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