

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009314.D
 Acq On : 21 Mar 2019 04:33
 Operator : SY/VA
 Sample : K1988-15
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C6

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:37 AM

Quant Time: Apr 05 07:34:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362339	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110798	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
7) Chloroethane-d5	2.90	69	103602	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	4.01	63	165772	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.84%
20) 2-Butanone-d5	7.08	46	69447	38.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.56%
24) Chloroform-d	7.64	84	233322	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.30	65	138225	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.27	84	438298	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	138830	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.32	98	388047	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.57	79	56781	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	10.93	63	50717	36.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121685	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	148342	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	3757m	0.721	ug/L
16) Methylene chloride	4.91	84	8459m	1.601	ug/L
22) cis-1,2-Dichloroethene	7.16	96	26215	5.159	ug/L
35) Trichloroethene	9.09	95	1558369	304.918	ug/L
47) Tetrachloroethene	10.86	164	71058	16.455	ug/L

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

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