

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014026.D
 Acq On : 14 Nov 2019 17:39
 Operator : SY/VA
 Sample : K5810-01
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLY0

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:43:32 AM

Quant Time: Nov 15 03:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 01:46:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	364038	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304661	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103491	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	2.89	69	89870	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
10) 1,1-Dichloroethene-d2	4.02	63	161958m	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	7.08	46	70741	41.92	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.84%
24) Chloroform-d	7.65	84	106063	9.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	37.92%#
26) 1,2-Dichloroethane-d4	8.31	65	129096	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	8.27	84	504528	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.27	67	155894	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	10.32	98	427834	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.48%
38) trans-1,3-Dichloropropene-	10.58	79	54282	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.92	63	51354	42.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	11455	2.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	9.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	100543	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

Target Compounds

					Ovalue
13) Acetone	4.14	43	7451	4.340 ug/L	75
25) Chloroform	7.68	83	141124	13.313 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	5386	0.705 ug/L	94
35) Trichloroethene	9.09	95	401716	67.390 ug/L	99
47) Tetrachloroethene	10.86	164	29054	5.468 ug/L	87
54) m,p-Xylene	11.83	106	3489	0.336 ug/L	74
65) 1,2-Dichlorobenzene	13.87	146	16179	2.314 ug/L	96

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

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