

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005753.D
 Acq On : 02 Oct 2018 00:13
 Operator : SY/AP
 Sample : J5180-20
 Misc : 4.01G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:34:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	164730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	90999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	18855m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35540	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.68%
7) Chloroethane-d5	2.89	69	34897	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
10) 1,1-Dichloroethene-d2	4.01	63	65083	14.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.76%
20) 2-Butanone-d5	7.09	46	53504	79.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.72%#
24) Chloroform-d	7.65	84	108881	25.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	8.31	65	72235	28.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.72%
29) Benzene-d6	8.28	84	174481	38.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	154.92%#
33) 1,2-Dichloropropane-d6	9.28	67	56858	43.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	174.68%#
37) Toluene-d8	10.33	98	114933	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.36%
38) trans-1,3-Dichloropropene-	10.58	79	17903	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.72%
39) 2-Hexanone-d5	10.93	63	35662	116.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	233.92%#
48) 1,1,2,2-Tetrachloroethane-	12.71	84	48730	38.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.12%#
61) 1,2-Dichlorobenzene-d4	13.87	152	28647	42.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	171.76%#

Target Compounds

					Ovalue
13) Acetone	4.14	43	199997	284.875	ug/L 71
14) Carbon disulfide	4.37	76	16258	2.424	ug/L 98
16) Methylene chloride	4.92	84	16196	5.963	ug/L 94
21) 2-Butanone	7.18	43	71541	85.089	ug/L 99
34) Benzene	8.32	78	7785	1.514	ug/L 100
35) Trichloroethene	9.09	95	1792	1.303	ug/L 94
44) Toluene	10.39	91	53600	9.328	ug/L 97
47) Tetrachloroethene	10.87	164	9739	8.036	ug/L 93
53) Ethylbenzene	11.74	91	203790	30.976	ug/L 98
54) m,p-Xylene	11.84	106	133529	53.873	ug/L 97
55) o-xylene	12.17	106	121168	51.866	ug/L 100
57) Isopropylbenzene	12.47	105	120122	18.002	ug/L # 35

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

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