

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004380.D
 Acq On : 01 Aug 2018 16:38
 Operator : SY/AP
 Sample : J4209-04
 Misc : 6.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 1:27:33 PM

Quant Time: Aug 02 07:00:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	149193	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	73586	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	25531m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68858	59.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	236.96%#
7) Chloroethane-d5	2.89	69	48548	42.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	169.12%#
10) 1,1-Dichloroethene-d2	4.01	63	99467	29.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	118.56%#
20) 2-Butanone-d5	7.09	46	45076	62.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.08%
24) Chloroform-d	7.65	84	101107	27.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.64%
26) 1,2-Dichloroethane-d4	8.31	65	66543	32.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.88%
29) Benzene-d6	8.27	84	196211	51.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	206.52%#
33) 1,2-Dichloropropane-d6	9.28	67	55266	46.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	187.80%#
37) Toluene-d8	10.33	98	121535	33.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.88%#
38) trans-1,3-Dichloropropene-	10.58	79	16749	29.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.76%
39) 2-Hexanone-d5	10.93	63	20994	69.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.90%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	21724	17.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.68%
61) 1,2-Dichlorobenzene-d4	13.87	152	23310	23.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.56%

Target Compounds

					Ovalue
13) Acetone	4.14	43	65254	103.48	ug/L 96
16) Methylene chloride	4.91	84	7882m	3.34	ug/L
27) 1,2-Dichloroethane	8.40	62	34406	13.85	ug/L 97
34) Benzene	8.32	78	11401	2.67	ug/L 100
35) Trichloroethene	9.09	95	2641	2.31	ug/L # 91
36) Methylcyclohexane	9.34	83	43148	21.18	ug/L # 79
44) Toluene	10.39	91	199298	43.45	ug/L 98
47) Tetrachloroethene	10.87	164	5635	5.75	ug/L 97
52) Chlorobenzene	11.66	112	169139	55.39	ug/L 96
53) Ethylbenzene	11.74	91	1306183	251.69	ug/L 96
54) m,p-Xylene	11.84	106	2042970	1040.72	ug/L 98
55) o-xylene	12.17	106	2031317	1095.60	ug/L 95
57) Isopropylbenzene	12.47	105	37465	7.21	ug/L # 95
63) 1,3-Dichlorobenzene	13.51	146	15435149	9372.80	ug/L 90
64) 1,4-Dichlorobenzene	13.59	146	14425079	8513.87	ug/L 86
65) 1,2-Dichlorobenzene	13.88	146	21530056m	13829.33	ug/L
68) 1,2,4-trichlorobenzene	15.15	180	2467023	2224.98	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	15.57	180	901184	878.37	ug/L	100

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

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