

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011769.D
 Acq On : 08 Aug 2019 12:31
 Operator : SY/VA
 Sample : K4215-08
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB9

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 1:22:17 PM

Quant Time: Aug 09 03:49:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:27:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	268480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	165534	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	212190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	237623m	62.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	251.44%#
7) Chloroethane-d5	2.89	69	65177	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
10) 1,1-Dichloroethene-d2	4.04	63	498541	57.52	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	230.08%#
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.66	84	161918	21.96	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	8.31	65	102544	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.00%
29) Benzene-d6	8.28	84	346384	33.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.12%
33) 1,2-Dichloropropane-d6	9.29	67	220857	65.73	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	262.92%#
37) Toluene-d8	10.33	98	647378	70.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	280.28%#
38) trans-1,3-Dichloropropene-	10.58	79	35670	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.88%
39) 2-Hexanone-d5	10.93	63	58477	74.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.00%#
48) 1,1,2,2-Tetrachloroethane-	12.68	84	930622	333.48	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1333.92%#
61) 1,2-Dichlorobenzene-d4	13.87	152	114130	13.96	ug/L	0.02
Spiked Amount	25.000	Range	75 - 120	Recovery	=	55.84%#

Target Compounds

					Ovalue
5) Vinyl chloride	2.35	62	19552091	3915.480	ug/L 93
12) 1,1-Dichloroethene	4.04	96	561207	145.539	ug/L # 82
13) Acetone	4.13	43	50766m	27.845	ug/L
14) Carbon disulfide	4.40	76	70297	5.597	ug/L 100
16) Methylene chloride	4.92	84	2932533	699.929	ug/L 98
18) trans-1,2-Dichloroethene	5.43	96	1545959	388.046	ug/L 99
21) 2-Butanone	7.13	43	355078m	155.341	ug/L
22) cis-1,2-Dichloroethene	7.14	96	73318572m	17590.689	ug/L
30) Cyclohexane	7.96	56	353143	61.373	ug/L 85
34) Benzene	8.33	78	1459406	125.809	ug/L 100
35) Trichloroethene	9.10	95	4254316	1444.638	ug/L 99
36) Methylcyclohexane	9.34	83	628550	117.652	ug/L 91
43) 4-Methyl-2-pentanone	10.21	43	344329	122.733	ug/L 98
44) Toluene	10.39	91	19496393	1654.284	ug/L # 69
47) Tetrachloroethene	10.87	164	351176	156.121	ug/L 94
53) Ethylbenzene	11.74	91	13693863	1041.918	ug/L 93
54) m,p-Xylene	11.85	106	14294200	2990.967	ug/L # 44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) o-xylene	12.18	106	5699580	1267.219	uq/L	86
57) Isopropylbenzene	12.49	105	2791371	225.591	uq/L #	92
58) 1,1,2,2-Tetrachloroethane	12.71	83	1491586	531.677	uq/L #	74

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

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