

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070618\
 Data File : VW003743.D
 Acq On : 06 Jul 2018 17:38
 Operator : SY/AP
 Sample : J3661-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2D24

Quant Time: Jul 07 00:24:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 06 15:27:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323866	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313272	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	162518	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111572	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	2.89	69	74847	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	4.01	63	199952	25.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.64%
20) 2-Butanone-d5	7.08	46	86923	62.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.06%
24) Chloroform-d	7.65	84	215351	24.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	8.31	65	133792	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.08%
29) Benzene-d6	8.28	84	415594	25.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.52%
33) 1,2-Dichloropropane-d6	9.27	67	132780	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.33	98	405486	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.24%
38) trans-1,3-Dichloropropene-	10.58	79	63097	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.40%
39) 2-Hexanone-d5	10.93	63	65232	61.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	134551	26.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	150275	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	34322	12.05	ug/L	94
5) Vinyl chloride	2.36	62	69668	12.54	ug/L	95
8) Chloroethane	2.92	64	48943	16.10	ug/L	97
12) 1,1-Dichloroethene	4.03	96	59508	15.54	ug/L #	81
13) Acetone	4.12	43	313521	209.21	ug/L #	70
14) Carbon disulfide	4.37	76	298586	23.91	ug/L	100
16) Methylene chloride	4.90	84	155358	29.98	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	117081	27.09	ug/L	96
19) 1,1-Dichloroethane	6.21	63	90277	10.71	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	147254	31.00	ug/L	99
23) Bromochloromethane	7.51	128	88527	39.40	ug/L	93
25) Chloroform	7.68	83	102205	11.67	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	286501	41.49	ug/L	100
32) Carbon tetrachloride	8.07	117	105245	15.46	ug/L	100
35) Trichloroethene	9.09	95	156790	31.45	ug/L	100
40) 1,2-Dichloropropane	9.37	63	95882	19.17	ug/L	99
41) Bromodichloromethane	9.65	83	79655	12.28	ug/L	99

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42) cis-1,3-Dichloropropene	10.07	75	84543	11.41	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	169177	45.57	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	137721	20.24	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	39969	10.41	ug/L	99
47) Tetrachloroethene	10.87	164	83287	20.00	ug/L	99
49) 2-Hexanone	10.97	43	195119	68.25	ug/L	99
50) Dibromochloromethane	11.13	129	56621	12.39	ug/L	99
51) 1,2-Dibromoethane	11.24	107	77608	20.94	ug/L	99
56) Styrene	12.19	104	250388	18.06	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	156224	30.30	ug/L	98
62) Bromoform	12.35	173	58449	19.71	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	267675	26.09	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	40685	43.27	ug/L	96
70) 1,2,3-Trichlorobenzene	15.57	180	55604	8.93	ug/L	97

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

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