

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070818\
 Data File : VW003765.D
 Acq On : 07 Jul 2018 13:46
 Operator : SY/AP
 Sample : J3661-06DL 2X
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2D24DL

Quant Time: Jul 09 04:44:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 09 04:42:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	352575	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	174321	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	102441	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.68%
7) Chloroethane-d5	2.88	69	80208	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.52%
10) 1,1-Dichloroethene-d2	4.01	63	168475	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	7.09	46	82037	55.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.26%
24) Chloroform-d	7.65	84	220961	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	8.31	65	139909	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.00%
29) Benzene-d6	8.27	84	418342	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.27	67	138461	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.12%
37) Toluene-d8	10.32	98	398507	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.58	79	63100	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.60%
39) 2-Hexanone-d5	10.93	63	61577	56.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	136117	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	153634	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	17431	9.97	ug/L	99
5) Vinyl chloride	2.36	62	36121	7.03	ug/L	97
8) Chloroethane	2.92	64	29761	9.72	ug/L	100
12) 1,1-Dichloroethene	4.03	96	31420	7.29	ug/L	# 11
13) Acetone	4.14	43	139752	93.86	ug/L	98
14) Carbon disulfide	4.37	76	148192	10.61	ug/L	100
16) Methylene chloride	4.90	84	84411	16.76	ug/L	94
18) trans-1,2-Dichloroethene	5.41	96	62763	13.62	ug/L	95
19) 1,1-Dichloroethane	6.21	63	49048	5.64	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	80077	16.32	ug/L	97
23) Bromochloromethane	7.51	128	48170	21.36	ug/L	97
25) Chloroform	7.67	83	55784	6.25	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	149499	19.89	ug/L	100
32) Carbon tetrachloride	8.07	117	53582	7.53	ug/L	100
35) Trichloroethene	9.09	95	85311	15.93	ug/L	99
40) 1,2-Dichloropropane	9.37	63	53321	10.03	ug/L	99
41) Bromodichloromethane	9.65	83	43727	6.50	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) cis-1,3-Dichloropropene	10.07	75	46915	5.96	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	82130	22.20	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	75513	10.55	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	22048	5.58	ug/L	95
47) Tetrachloroethene	10.87	164	44200	10.15	ug/L	99
49) 2-Hexanone	10.98	43	89880	32.09	ug/L	95
50) Dibromochloromethane	11.13	129	30740	6.53	ug/L	98
51) 1,2-Dibromoethane	11.24	107	41654	10.83	ug/L #	98
56) Styrene	12.19	104	123805	8.51	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	82706	15.95	ug/L	98
62) Bromoform	12.35	173	31032	10.65	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	143892	13.33	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	20427	22.18	ug/L	96
70) 1,2,3-Trichlorobenzene	15.57	180	30113	4.75	ug/L	97

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

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