

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014794.D
 Acq On : 10 Mar 2020 11:43
 Operator : SY/MD
 Sample : L1840-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBER8

Quant Time: Mar 27 00:39:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	426712	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	418070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	215215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112332	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	92128	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.72%
11) 1,1-Dichloroethene-d2	2.12	63	181761	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	3.94	46	184615	85.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.72%
24) Chloroform-d	4.38	84	248543	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
26) 1,2-Dichloroethane-d4	5.06	65	168005	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.07	84	516252	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.09	67	161394	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.22%
41) Toluene-d8	7.34	98	497964	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%
43) trans-1,3-Dichloropropene-	7.64	79	78592	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.12	63	157479	96.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	235434	46.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	206161	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	111689	32.447	ug/L 96
8) Chloroethane	1.60	64	86481	46.739	ug/L 98
12) 1,1-Dichloroethene	2.13	96	67538	29.136	ug/L 91
14) Carbon disulfide	2.30	76	354919	46.311	ug/L 98
15) Methyl Acetate	2.46	43	184938	54.744	ug/L 96
16) Methylene chloride	2.52	84	94033	29.869	ug/L 93
18) Methyl tert-butyl Ether	2.79	73	375591	40.062	ug/L 98
19) 1,1-Dichloroethane	3.21	63	108593	19.415	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	63463	19.815	ug/L 91
27) 1,2-Dichloroethane	5.16	62	250917	55.872	ug/L 98
30) 1,1,1-Trichloroethane	4.63	97	195587	40.351	ug/L 99
34) Trichloroethene	5.94	95	187142	59.125	ug/L 95
37) 1,2-Dichloropropane	6.20	63	72627	22.190	ug/L # 97
40) 4-Methyl-2-pentanone	7.26	43	208088	43.873	ug/L 96
42) Toluene	7.41	91	383143	28.674	ug/L 100
44) trans-1,3-Dichloropropene	7.67	75	67398	14.412	ug/L 97
45) 1,1,2-Trichloroethane	7.86	97	120139	39.856	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.00	164	94928	36.656	ug/L	97
48) 2-Hexanone	8.17	43	187897	50.371	ug/L #	97
50) 1,2-Dibromoethane	8.37	107	124076	38.080	ug/L	96
51) Chlorobenzene	8.90	112	420291	48.887	ug/L	97
52) Ethylbenzene	9.03	91	858000	56.997	ug/L	97
53) m,p-Xylene	9.15	106	231731	41.020	ug/L	94
54) o-xylene	9.56	106	111794	20.146	ug/L	98
55) Styrene	9.58	104	316571	33.361	ug/L	98
56) Isopropylbenzene	9.95	105	585005	39.361	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	368335	70.944	ug/L	99
61) Bromoform	9.75	173	36698	15.718	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	136768	19.652	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	280150	39.955	ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	422302	60.949	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	83454	70.968	ug/L	90
70) 1,2,3-Trichlorobenzene	13.76	180	182217	36.952	ug/L	98

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

